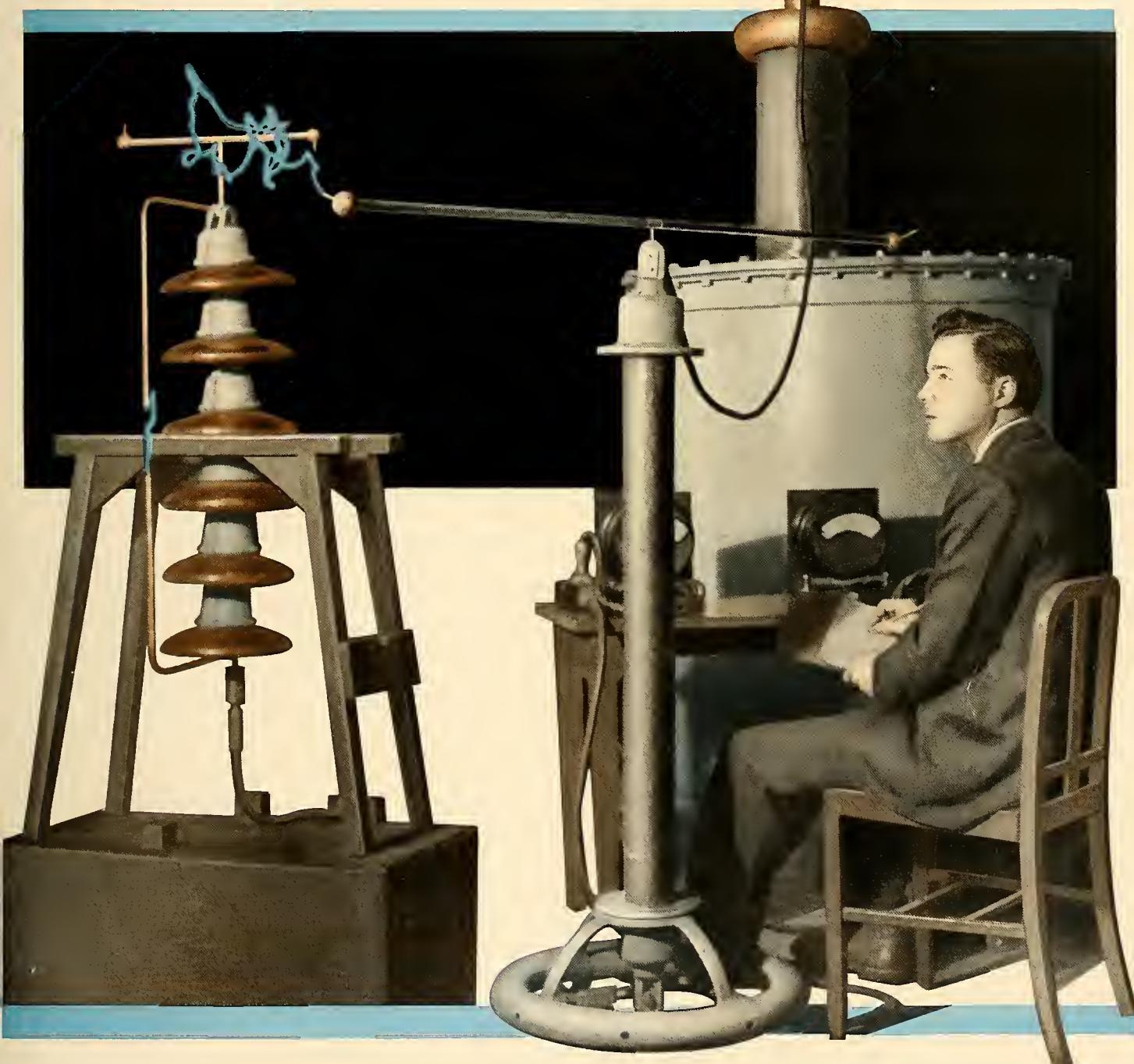


THE LEHIGH Alumni Bulletin

LEHIGH UNIVERSITY
APR 9 1940
LIBRARY



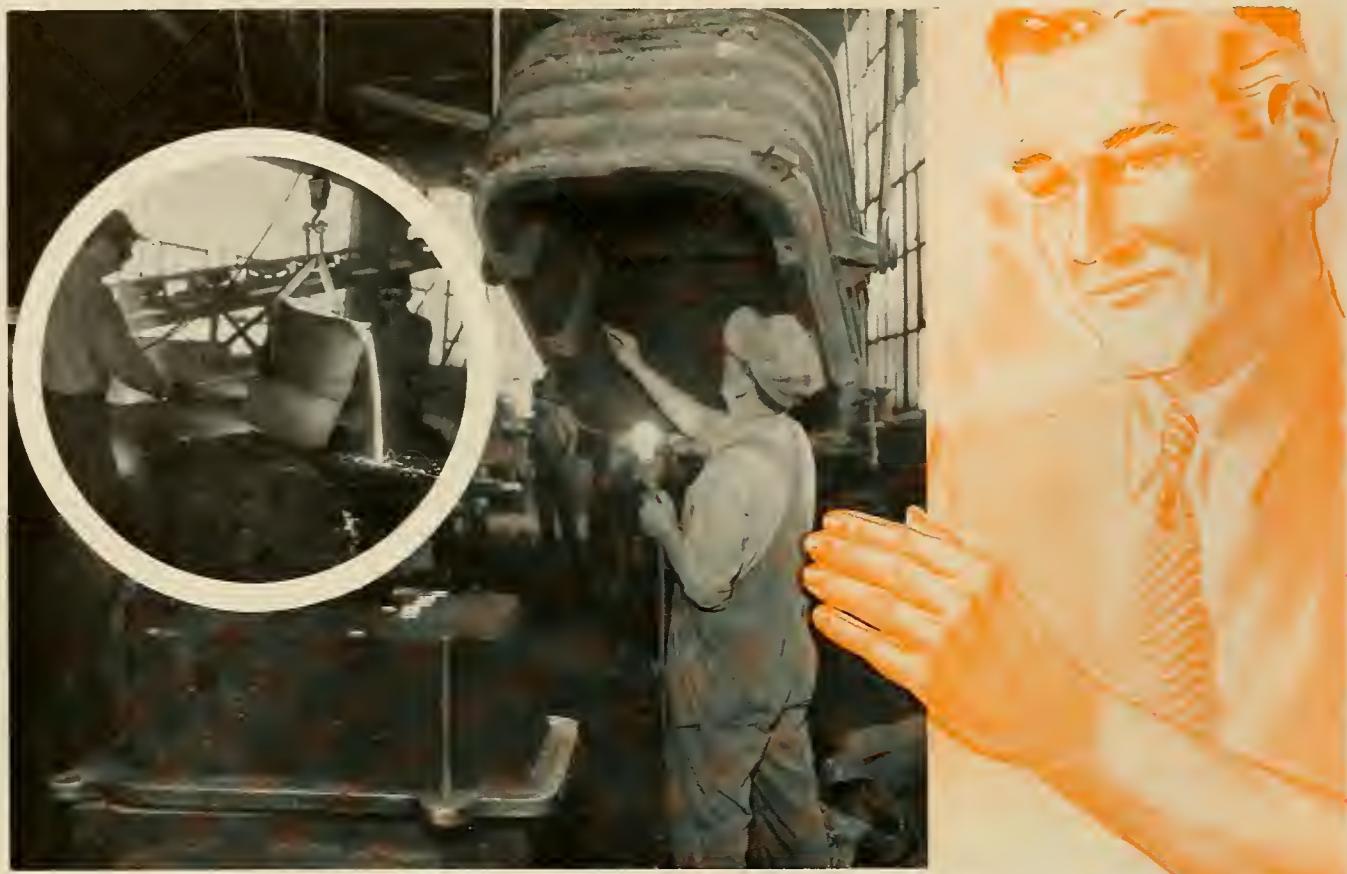
April

Were the Old Days Better? Should We Go Back?

Read A. V. Bodine's

"Let's Look at Lehigh"

1940



Always at your elbow

● Before the iron is poured into the mold something else has gone into it that has cost the foundryman a lot of money. That's labor—labor that can easily be lost if the iron isn't right.

And here's a combination that has helped cut losses in many plants—Republic Pig Iron and a Republic Pig Iron Metallurgist who can ferret out your troubles and tell you how to overcome them. Naturally he knows iron—and if the iron

is not at fault, he will tell you very frankly. He knows foundry practice, too, because his business takes him trouble-shooting into big and little foundries from coast to coast.

Even half the combination, Republic Pig Iron, solves a lot of foundry troubles, but you might as well get the benefit of the experience that costs you nothing and often means added dollars in your profit column.

"REPUBLIC" "PIONEER" "McKINNEY" "NIAGARA"
(Youngstown, Ohio) (Birmingham, Ala.) (Cleveland, Ohio) (Buffalo, N. Y.)
Bessemer and Foundry and Foundry, Foundry,
Basic Basic Malleable Malleable
and Basic and Basic

BERGER MANUFACTURING DIVISION
NILES STEEL PRODUCTS DIVISION
UNION DRAWN STEEL DIVISION
STEEL AND TUBES, INC.
TRUSCON STEEL COMPANY

PIG U. S. PAT. OFF.
REPUBLIC
STEEL
CORPORATION
GENERAL OFFICES
CLEVELAND OHIO

MORE THAN A MILLION TONS A YEAR OF HIGH QUALITY MERCHANT IRON

REPUBLIC PIG IRON

TRUSCON FOUNDRY FLASKS • REPUBLIC CORE WIRE • FOUNDRY NAILS



Honored Name

WHEN the old gentleman died, three years ago in July, Lehigh men the world over felt a sense of personal loss.

It was not only the man himself, though his popularity was tremendous, but there was that subtle sense that, somehow, something more than tangible had slipped forever out of grasp. It had. The last vestige of an era had passed with the death of Dr. Henry Sturgis Drinker, president-emeritus.

On Tuesday, February 6 of this year, two objects of Dr. Drinker's greatest devotion were present at Lehigh. One was a representative from his distinguished family, the other a delegation

from his University. The occasion was the laying of the cornerstone for the Henry Sturgis Drinker House—newest of Lehigh's four dormitories and companion building to the Charles Russ Richards House, completed last year.

It was a case of honoring an already honored name. High above the Lehigh campus the great new dormitory will stand, with Richards House, as a memorial to a graduate of the Class of 1871 who served as a trustee more or less continuously from 1877 to 1905 and as president from 1905 to 1920. The \$225,000 Drinker House will follow closely the architecture of its companion

(Continued on page twenty-one)

Above: Henry Sandwith Drinker, eldest son of the late President-Emeritus Henry Sturgis Drinker, lays the cornerstone of the new dormitory named for his father. With Mr. Drinker l. to r. are President Williams, Catherine Drinker Bowen Downs and J. C. Hegeman, contractor.

Our Alumni



An extreme margin for safety in the handling of heavy crane lifts over expensive completed assemblies is embodied in the design of the two new screw luffing full revolving tower cranes recently built by Dravo Corporation for the Newport News Shipbuilding & Dry Dock Company, Newport News, Virginia, the first major application of the screw luffing principle in this country. Cranes have 125 foot boom and an operating capacity of 20 tons at a radius of 62 feet.

- S. P. FELIX, '03
- J. D. BERG, '05
- E. T. GOTTLINGER, '06
- A. S. OSBOURNE, '09
- L. C. ZOLLINGER, '09
- V. B. EDWARDS, '12
- GEO. F. WOLFE, '14
- W. P. BERG, '17
- E. H. ZOLLINGER, '18
- F. J. LLOYD, JR., '23
- B. E. RHOADS, '23
- J. A. BISSINGER, JR., '26
- W. W. ARMSTRONG, '27
- R. W. MARVIN, '27
- PAUL G. STROHL, '27
- G. W. FEARNSIDE, JR., '28
- STANLEY B. ADAMS, '29
- C. W. GRANACHER, '29
- E. V. TWIGGAR, '31
- J. K. BEIDLER, '34
- W. A. ROBINSON, '34
- H. E. LORE, '35
- L. P. STRUBLE, JR., '35
- D. R. BERG, '38
- S. P. FELIX, JR., '38

DRAVO CORPORATION

GENERAL OFFICES: DRAVO BUILDING, PITTSBURGH, PA.

CLEVELAND, OHIO

PHILADELPHIA, PA.

Letters

Schneider and Beaver . . .

May I call your attention to two errors which appeared in the March BULLETIN. In the article on Ovid Eshbach, Dean Schneider of Cincinnati was mentioned as graduating from the university in 1892. He graduated with the Class of '94.

In the article on "Changing Scene" Dr. Beaver is credited with a degree from Massachusetts Institute of Technology. Dr. Beaver's degree was conferred by Harvard.

—A Reader

The BULLETIN indeed erred. The late Herman Schneider graduated with the class of 1894, was director of the Institute of Scientific Research at the University of Cincinnati and was noted for founding the cooperative system of education.

In Dr. J. Lynford Beaver's case, the Alumni Directory of 1937 said "Sc. D. (M. I. T., '32); was never questioned. However, Dr. Beaver says, "I recall definitely being at Harvard", which seems to close the issue. Dr. Beaver is acting head of the department of electrical engineering.

—ED.

On Sergeant Lavin . . .

Incidentally, I ran into our old friend Sergeant Lavin last fall, whom a number of the alumni probably remember well as the guiding spirit in MS & T at Lehigh for a number of years. He advised me when I saw him at Westminster, where he is attached to the athletic staff of Western Maryland College, that he had just formerly been retired from active Army service, but he was continuing his interest on the out-

side. He didn't look a day older than the last time I saw him, which was back in 1929, and as might be expected, he called me by name within two or three minutes after I walked into his office. He always did have a marvelous faculty for remembering names and he doesn't seem to have lost a bit of it. He said that he would be glad to see any of the Lehigh men who happened to be in the vicinity of Westminster.

Merritt Clifton, '30

Personal Viewpoint . . .

I desire to congratulate you upon the manner in which the article entitled "Black Magic" was written, also especially for the reference to my father and myself. Whoever wrote the article should follow journalism as the style is unusual.

With kind regards and best wishes, I remain,

Sincerely,
HARRY S. GAY, '10

Typographical Pat . . .

May we borrow the photographs with which you illustrated Harry Edmond's "Observations in the Far East" in your February issue? They will be returned just as soon as we can have halftones made.

By the way, I received a couple of dozen alumni publications and the LEHIGH ALUMNI BULLETIN leads the pack in typography.

Thanking you, I am

Cordially yours,
CHESTER W. CLEVELAND
Editor, *The Magazine of Sigma Chi*

THE LEHIGH ALUMNI BULLETIN

R. F. HERRICK, *Editor*

WM. A. CORNELIUS, *Managing Editor*

OFFICERS: President, C. F. Lincoln, '11; Vice-Presidents, D. M. Petty, '09 and C. O. Wood, '92; Treasurer, R. S. Taylor, '95; Executive Secretary, Wm. A. Cornelius, '89.

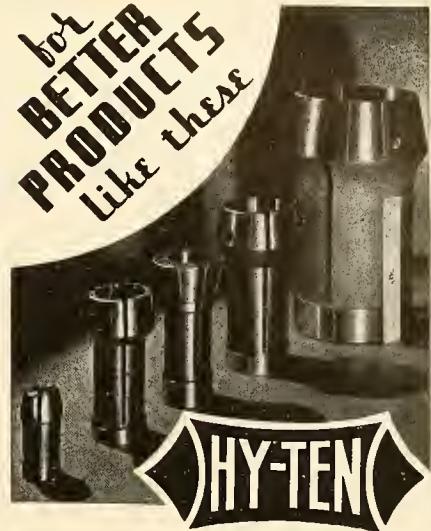
ALUMNUS TRUSTEES: Robert Farnham, '99; Morton Sultzer, '12, Frank B. Bell, '97; Daniel Berg, '05; Andrew E. Buchanan, Jr., '18; and F. A. Merrick, '91.

BULLETIN COMMITTEE: A. W. Hicks, Jr., '23, Chairman, *Cosmopolitan*; F. W. Parsons, '02, *Robbins Publishing Co.*; G. F. Nordenholz, '14, *Product Engineering*; K. S. Putnam, '35, *Transit Journal*; E. F. Hoar, '35, *Conde Nast Publications*.

Published monthly, November to July, inclusive, by the Alumni Association of Lehigh University, Inc., Alumni Memorial Building, Bethlehem, Pa. Printed by the Times Publishing Company, Bethlehem, Pa. Entered as second-class matter at Bethlehem, Pa. Post Office. Subscription price, \$3.00 per year. National advertising representatives, The Graduate Group, Inc., New York, Chicago, Detroit, San Francisco, Los Angeles and Boston.

VOL. XXVII—No. 6

APRIL, 1940



HY-TEN ALLOY STEELS

Free machining qualities, uniform analysis, excellent physical properties . . . these qualities make HY-TEN and ECONOMO Steels a more economical . . . more efficient material for your special steel parts.

STANDARD S.A.E. STEELS IN STOCK



Write for free copy of Steel User's Data Sheets, containing valuable information on the use and treatment of special steels.

•
A. Oram Fulton, '08, Pres.
Richard M. Powers, '31
•

Wheeloak, Lovejoy & Co., Inc.
130 SIDNEY ST., CAMBRIDGE, MASS.
Cleveland Detroit Chicago Buffalo Newark

John Lloyd & Sons

SALES ENGINEERS

BENNETT BLDG., WILKES-BARRE, PA.
949 HAMILTON ST., ALLENTOWN, PA.



THE TRANE COMPANY

Heating, Cooling and Air Conditioning Equipment

THE MINING SAFETY DEVICE CO.

Nolan Automatic Cagers, Car Dumps, Cages and Mine Car Handling Equipment

PENNSYLVANIA PUMP & COMPRESSOR COMPANY

Centrifugal Pumps, Air Compressors, Vacuum Pumps

THERMOID RUBBER COMPANY

Belting, Packing, Hose, Brake Lining

•

Serving the Mining & Industrial Territory of Northeastern Pennsylvania Since 1920

•

JOHN LLOYD

JOHN A. LLOYD, '33 ELBERT S. LLOYD, '34
H. A. WATKINS, '36

LET'S LOOK AT



IT IS fitting that occasionally we should pause and carefully determine just how well the program that Lehigh has to offer fits in with the needs of society and the individual.

It is trite for me to say that we are living in a rapidly changing age and that life seems to become more and more complex. The fundamental elements of life remain unchanged. We shall probably maintain pretty much the same ideals of life so long as America remains predominantly a Christian nation.

Back in my home town of Fairfield, Conn., which is a small town, we get rather close to the educational system. The general criticism that is leveled at our public school system is that today we teach too many "fol-de-rols", that we spend too much money on manual training, cooking, sewing, arts, music and the like. That we should spend

more time on reading, writing and arithmetic. I believe that people in most communities are giving the same thought and consideration to our public school programs that we are attempting to give to our Lehigh curriculum here today. Much can be said on both sides of the subject. The thoughts that I express here today are my own; and right or wrong, if they will provoke discussion of the problems as a whole, out of which some definite conclusions may come, to stimulate and guide our faculty, then we will have accomplished our purpose.

I came to Lehigh in 1911, not too well prepared from a small town public high school. I took the Mechanical Engineering course which in those days was largely mathematics, physics, electricity with a very slight sprinkling of subjects from the arts and business courses. I have a faint recollection at this date of a little French and a little

German. We had a little English the first two years though not very much and I remember one hour a week of public speaking and a lecture course in economics under dear old "Baldy" Stewart.

The major part of the course, however, was the subjects that were essential to a rather strenuous engineering curriculum. Anyone who came to Lehigh in those days for a "good time" was quickly disillusioned, and those who refused to work were quickly dropped. The mortality rate in the student body in those days was terrific. I always had a feeling in those days that something was wrong with the system of selecting students for the University, because with the proper raw material, a higher percentage of finished products would have been possible. However, that condition has now been remedied with our present efficient office of admissions under the competent direction of Ken Smiley, and in this respect, I register my opinion that we have gone in the right direction.

I am told that it was about 1926 when the general policy of the engineering

By Alfred V. Bodine, '15

President, The Bodine Corporation



curricula was changed so as to liberalize the engineering education. Under this program, approximately 20% of the curriculum is devoted to non-technical studies; 30% to pure science and 50% to applied science. At the same time, the number of semester or credit hours required for graduation was decreased.

It is my personal opinion that a person graduating from Lehigh as an engineer should have that fundamental engineering background that employers in this country and abroad have come to expect of Lehigh men. Lehigh has long ranked among the leading technical schools of this country and I would not make any change that would in any way lower the standing of Lehigh among the technical schools of this country.

At the same time, I would require in the Engineering curricula, more English, perhaps at the expense of some of the foreign languages that were required in my time, and which I have never found any occasion to use. I would require also in the Engineering Curricula certain subjects from the School of Business

Administration. I do not believe that a person is entitled to even a B. S. degree in anything unless he has a general knowledge of our banking systems, of our systems of taxation, of the general principles of economics and of the general set up of our American capitalistic system, under which "life, liberty and the pursuit of happiness" seem to flourish to a higher degree than any other sport on the surface of the earth.

After we have provided these engineering fundamentals, plus these non-technical studies, then if there is room for music appreciation, art, etc., I would say certainly, let us make available to the student, those things which will develop his appreciation of the efforts of other people; that will round him out so he will know how to live with other people; and so that his joy and his success will not be measured in terms of dollars, but in terms of service rendered and a job well done. I would certainly say that the student should leave Lehigh with a philosophy of life tuned to the joy of living and the pride of accomplishment, rather than to a life

This alumnus sees his
University in the light of
practical experience

measured in dollars and lived in terms of days' pay.

I do not know how much reduction has been made in the number of credit hours required for graduation. I know we had to work twenty-five years ago at Lehigh, but still we found time for recreational activities. Those individuals who organized their time found sufficient leisure to enjoy the fellowships that are so rare a privilege in college, and I would say that there should be no reduction in the number of credit hours required for graduation from Lehigh now over the requirements of twenty-five years ago. I am told that now in four years we give a degree of Bachelor of Science in the engineering course selected by the student, and to get his full M. E. or C. E. or Ch. E. degree, he must spend a fifth year in the college and complete certain post graduate work. I believe that is eminently the correct procedure. Even under that arrangement I would not reduce the number of credit hours to a point where the student does not have to work and work hard. I think the one thing that Lehigh teaches her men is that they must work. I believe that is fundamental. The key-stone of the arch should be graven with the letters P. H. W.—Plain Hard Work.

The next thing that Lehigh should teach her men is that they must "work together". I believe the old Lehigh spirit has had a relapse. I can not recall a football smoker in my day when we only had two hundred students present! And there were only seven or eight hundred men in the whole University twenty-five years ago! No, we had the old spirit—the spirit that put teams on the field that played over their heads—teams that were inspired by the "work together spirit" of the student body. I hope the recent letter of Al Cox will be the clarion call of a new day for

"It ain't the individual,
Nor the Army as a whole,
But the everlastin' teamwork
Of every bloomin' soul."

So much could be said on that one subject alone that I leave it as a thought for meditation.

The third point is that Lehigh men must learn to "work together honestly", and I introduce this subject at this moment because twenty-five years ago we had an honor system at Lehigh. To me, in those days, that was the greatest single influence we had on the Campus. I understand that the honor system has been abolished. I do not know the reasons. They were unquestionably

good and sufficient at the time such drastic action was taken by the faculty, but I hope that the time has come for a reconsideration of this general problem. I believe the honor system is a

great majority of the student body, that it will soon find its place again upon Lehigh's campus.

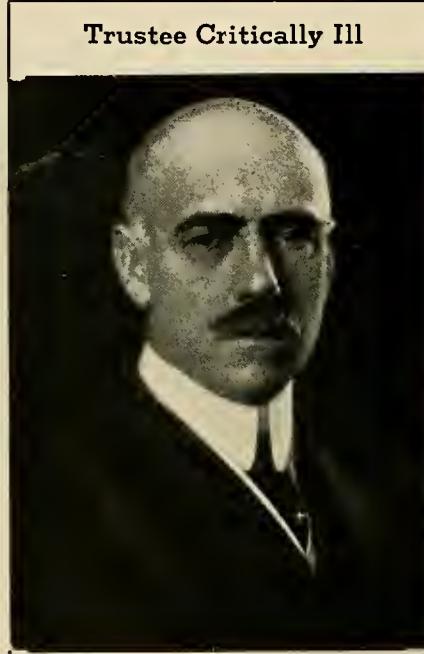
Are We Going in the Right Direction? Employers of Lehigh men expect them to have a fundamental technical background in the particular field that they have chosen. They expect loyalty, a willingness to work, an honest intent of purpose, and a philosophy of life that makes them pleasant companions in a business enterprise. I believe that Lehigh's present curriculum points toward these requirements.

What about the student? What does he think about the present curriculum? The fact of the matter is, he doesn't know very much about it anyway. Most of the students are not completely sure what they want when they start in, and I am told that many of them change courses during their college careers. It seems to me we owe the student consideration in the planning of his curriculum so that he will have, in the days to come, an understanding and an appreciation of life under the American system, that will enable him to make his life a contribution to those lofty ideals which have made America a constantly better place in which to live and learn. And Lehigh must stay American!

Socrates defined an educated person as follows: "First, those who control circumstances instead of being mastered by them. Those who meet all occasions manfully and act in accordance with intelligent thinking. Those who are honorable in all dealings, who treat good naturally persons and things that are disagreeable and furthermore, those who hold their pleasures under control and are not overcome by misfortune; and finally, those who are not spoiled by success."

What the next fifteen or twenty-five years will bring forth, none of us today can safely prophecy. The technical achievements of this last generation have far surpassed anything the human race has yet recorded and it is fair to expect that this next generation will surpass the last. It is then important that Lehigh's curricula be kept sufficiently broad and flexible to meet these changing demands.

I am proud to be a Lehigh man. I am proud that I have two sons in Lehigh. I want to retain that pride by having Lehigh retain its eminent position among the great American Universities. In this respect, we all, Alumni, Faculty, Students alike have a responsibility.



Dr. Samuel D. Warriner, '90, member of the Board of Trustees and Chairman of the Trustees' Finance Committee, is seriously ill in the Jacksonville Memorial Hospital in Miami, Florida.

On March 11, Mr. Warriner was stricken with a heart attack while visiting in Jacksonville and at the time of publication is reported to be making a satisfactory recovery.

As a member of the important Finance Committee as well as the Executive and Endowment Committees, Mr. Warriner has for years rendered extremely valuable service to Lehigh in the supervision of the University's investments. As Chairman of the Board of the Lehigh Navigation Coal Company, a position which he has held since 1930, Mr. Warriner is regarded as one of the most prominent authorities in the coal industry.

great influence for good on the young fellows who come here as students. If they want to cheat, they can do it under one system just as readily as under another. Under the honor system, they may be fooling themselves for awhile, but they are never fooling their God, and the world quickly detects a cheater. So I hope, for the good the honor system has done and will do again for the



The author with his newly developed titrimeter.

THE general public has been recently besieged with numerous articles in the newspapers and magazines describing many new, valuable and interesting compounds synthesized by chemists. The discovery of vitamins, the production of synthetic fibers stronger than silk, and the synthesis of new plastics have been introduced to us in fascinating terms with an aura of romance.

Rarely, if ever, is the public informed of the inside story of these developments or the tools used by the chemist in synthesis of these new substances because these day by day events are considered too dull and uninteresting to the average person. Let us break precedent and discover how the magic eyes of radio may shed light upon the chemist's problems.

In order to study natural substances or to synthesize new materials, the chemist must have available methods to separate these substances into their individual components and to determine accurately their quantity. This division of chemistry, known as analysis, or more specifically as quantitative analysis, is of greater

Tuning in an Analysis

importance to the average person than the actual synthesis of new materials. With the aid of quantitative analysis the chemist regulates the purity of our food and water, controls the strength of our steel, and otherwise maintains a careful check on not only natural products but synthetic products as well.

During the past twenty-five years the energies of most chemists have been devoted to the formation of new substances, since it was felt that the tools of analysis were sufficiently perfected for all work encountered in the search for new materials. Recently, however,

many chemists have begun to realize that their instruments and equipment must be improved and modernized if the work of synthesis was not to be seriously hampered. In order that the chemistry department of Lehigh University might be among the first to present a modern development in the field of analytical chemistry, the writer undertook the work of designing an instrument which would be at once simple of construction and operation, inexpensive, accurate, and above all, applicable to a great many highly specialized analytical problems.

As early as 1920 two chemists discovered that when both platinum and a tungsten wire were simultaneously inserted into a chemical solution, a very small electrical force was set up between the wires. The amount of this electrical force was found to be dependent not only upon the nature of the substances present in solution but also upon their quantity. Many chemists, realizing the importance of this contribution immediately set about to develop instruments which would accurately measure

(Continued on page fourteen)

"On the Mike"

Below: General view of broadcast stage as the Kate Smith hour goes on the air. Opposite page: Bob Benchley and Fred Allen rehearse the script which was "burled together" in a wild three-hour session before the broadcast.



"**F**IFTEEN percent commission and eighty-five percent confusion" is Fred Allen's classic definition of a radio advertising man.

I certainly agree with Mr. Allen on the first count; I'm not so sure that the average outsider wouldn't agree with him on both of them.

To an outsider, the radio department of any large advertising agency is a highly traffic'd zone full of highly intense people who make daily trips from bed to bedlam, and so on into the years — animated stop watches with an abund-

ance of nervous energy who annually consume quantities of coffee, cigarettes, midnight oil, and any other product their company happens to be advertising, who at "the drop of a hat" make mad trans-continental flights from sponsor to Hollywood and back again, and who babble a strange lingo with special emphasis on such terms as: *On mike, off mike, on the nose, off the nose, sponsor identification, stretch, Crossley checks, Hopper checks, Gallup checks* and all kinds of checks including those in the pay envelope every two weeks.

That is radio looking from the outside in. From the inside out, it's a different story. The eighty-five percent confusion becomes eighty-five percent efficiency backed up by the keen precision that follows long years of constant creative thought coupled with practical common sense. That's really radio.

Two years ago, I joined Young and Rubicam, Inc., one of the foremost radio advertising agencies in the field whose bibliography includes such names as Fred Allen, Jack Benny, Kate Smith, Ben Bernie and many others. I was

attracted there because I happen to like the theatre and it didn't particularly matter whether I got my theatre on Broadway or in a sound-proof broadcasting studio. It all packed the same punch and had its share of glamour. One thing I had overlooked though was the long hours of tedious detail and preparation that goes into the planning a single half hour program.

Each particular show means a job to do—a big job—to sell the client's product. So each show is completely worked out far ahead of broadcast time in every angle of entertainment. It has to be! Radio is not like the theatre where you walk in, plunk down your \$2.20 and spend the next two hours either applauding or allowing strange sounds like "raspberries" to pass through your lips. Radio is a place where people you like or people you don't like, music you like or music you don't like come right into your own front room where you are the complete master—where you have the choice of listening or not listening, as pleases your fancy.

At Lehigh I was led to study Journalism by natural law of cause and effect—not by accident or not because I imagined myself another Richard Harding Davis, but for the simple reason that I couldn't express myself any way except in writing. Whenever I tried to do any talking other than plain, polite conversation, I'd always be "scart clear out of my undies," and my voice would dry up like an old frustrated well. In order to make even vague sense, I had to premeditate every word, and I found that putting my thoughts down on paper always helped. So if I accomplished nothing else, at least I learned how to "let off steam" which gave me an excellent foundation for writing advertising blurbs.

Then, too, a few seasons with Mustard and Cheese gave me a good edge over absolute ignorance as far as theater goes, and after graduation, a year with Jasper Detter's Hedgerow Theater in Rose Valley, Pa., didn't do me too much harm.

But the quite important fact still remains—that Lehigh mothered my ca-

reer. I'm proud of that, and someday I hope she'll be proud of it, too. I'm also proud of the men with whom I was associated, especially of two who treated me with incredibly long-winded patience and tolerance—Dale Gramley, Head of the courses in journalism, and Al Rights, Director of Dramatics. Mr. Gramley's expert guidance along such lines as *Brown and White*, *The Review*, and general newspaper and magazine writing, and Mr. Rights' guidance in the dramatic field, are the two main reasons why I'm now plodding the old trail up Advertising Hill.

I'm not the only Lehigh man who is conscious of the value of such training. Others have entered advertising. There's Sam Fuller, Class of '31, and Frank Delano, Class of '33, both of whom are with Young and Rubicam. Sam is directing a daytime radio serial called "My Son and I" and is in charge of production on "The Adventures of Ellery Queen." Frank is doing important contact work. There are plenty of other

(Continued on page nineteen)



But it's the radio advertiser's job to make you listen. That's how he sells his goods. That's how you have your radio!

Most college undergraduates and recent graduates to whom I've talked regarding their "breaking into" radio advertising seem unanimously curious about the necessary background for that profession. I usually give them an account of my own background, because it's the only one I can recite by heart, and because one's background isn't necessarily very important anyway as I look at it.



Back of the loudspeaker are laughs and headaches you seldom appreciate. Here a young Lehigh man tells how he broke into the radio game and his surprising experiences which followed. Visit backstage with him as national programs are made---and then made over.

By Ralph E. Shedgell, '36

Radio Producer, Young & Rubicam, Inc.

The clubs swing into spring activity with eastern groups leading the field and new units organizing. Bosey Reiter and Tom Girdler are next guests to be honored at testimonial dinners.



Central Pennsylvania

To the Central Pennsylvania Alumni Club was accorded the honor of being the first alumni club to get behind the comparatively new Lehigh Hockey Club when they met for a sea food dinner at the Oyster Bar of the Community Inn, Hershey, Pennsylvania, on Friday evening, February 23, 1940. The occasion was the meeting at the Hershey sports arena of the Lehigh team with their down river rivals, Lafayette, in an inter-collegiate hockey league match.

Approximately forty members attended the dinner which was held prior to the game, including the always welcome delegation from Bethlehem. "Jack" Horner, acting as toastmaster in place of Col. S. W. Fleming, president of the club, who was unable to be present, introduced "Billy" Cornelius, who gave

the news of the campus which is an always welcome feature at any Lehigh gathering. Lloyd Blinco, who is assistant publicity director at Hershey, and a former member of the famous Hershey Bears Hockey Team was a guest at the dinner, giving a short talk on hockey, telling of the strides the game is making among colleges both in United States and Canada. (Note — Blinco usually referees these college games and the Central Penna. Club was accused of "taking care" of the referee, however, he did not referee this game.)

Warren Sawyer, captain of the Lehigh Hockey Club was the next speaker and gave a resumé of the sport, since its inception at Lehigh, while Prof. C. W. Simmons of the Department of Chemistry, who is coach of the hockey team, told of the many difficulties which are encountered in the making of this team



Lehigh

and of its prospects. "Bob" Herrick in a few well chosen words rounded out the speech-making part of the evening.

At the meeting, the following officers were elected to guide the club during the ensuing year: John N. Hall, '30, President; D. M. Horner, '28, Vice President; Edward J. Garra, '25, Secretary, and William C. Shulz, '17, Treasurer.

Following the dinner, which adjourned early, the club went in a body to the Sports Arena to witness the game. The members were joined there by approximately twenty members of the Southeast Penna. Club from Reading and over three hundred Lehigh supporters including 80 pieces of the famous Brown and White Band who journeyed from Bethlehem in a special train to cheer the Lehigh team.

Much favorable publicity was given to Lehigh and plans are being formulated to make this an annual affair of the club, when the Lehigh Hockey Club plays Lafayette at Hershey.



Clubs

Pittsburgh

The Pittsburgh Lehigh Club has had two very successful parties this winter.

In November, Dr. Williams was to have been our guest at a regular weekly luncheon. Unfortunately, due to a death in his family, he was unable to attend. "Billy" Cornelius, however, was a very able substitute and spoke to us informally on campus gossip. In addition, he kindly led an interesting discussion on the new Alumni Grants. The attendance surpassed that of any previous luncheon of a good many years. Alumni from all of the outlying districts and from as far as Oil City were in evidence.

As a result of last year's very successful inaugural supper dance, another was held February 2 in the main ball room of the University Club. Despite an influenza epidemic, and bad driving conditions for those from out of town who had made reservations, more couples attended than last year. Most gratifying was the splendid turnout of a group from the classes of 1936 and up.

Those who chased the moths out of the dress suits were rewarded with another splendid Lehigh affair. Art Giles' very dancable music was pleasing to both young and old. Jack Latimer '18, youthful protege of Arthur Murray, carried off top honors in the Terpsichorean art. For those who stayed late enough, the Phi Gam contingent entertained with songs of strictly Phi Gam nature until, reminiscent of the Maennerchor, the lights were very subtly blinked.

The weekly luncheons held every Tuesday at noon in the Harvard-Yale-Princeton Club, have been very well attended in the past few months.

Late in March, or in early April, a stag affair has been planned. A definite date has not been set, but all Pittsburgh alumni can look forward to another chance to "reune" with Lehigh.

H. E. Lore, Secy.



At the Philadelphia Club's Annual Dinner, prominent guests (above, right to left): J. H. Opdyke, William A. Cornelius, W. R. Okeson, W. C. Dicker- man, Dr. C. C. Williams, R. Dexter Warriner, Dean Dexter Kimball of Cornell and Dean A. C. Callen. (Below, opposite page) Part of the 130 guests attending the Northern New Jersey dinner at the Down Town Club in Newark. (Below in circle) Dean Neil Carothers of the College of Business Administration was principal speaker at the Newark dinner.

New York

Over 85 youngsters and oldsters gathered at the Murray Hill Hotel on the night of February 6 for a buffet supper and jamboree.

The meeting was dedicated to the idea that the young fellows be given a holiday from high-priced dinners and included everything from a quiz on Lehigh affairs headed by Willard Smith to a round of contests in dart throwing and ring hurling under the direction of the entire committee. The affair was under the personal direction of President Buckie Macdonald and Bob Herrick from the Lehigh Alumni Association office acted as master of ceremonies. Generous prizes, liquid and otherwise, were distributed to those who proved best in the mental and physical feats. Both Alumni Secretary Cornelius and Jack Kirkpatrick, assistant to the presi-

dent, gave a few words and the meeting ended with the showing of Kodachrome motion pictures taken on the campus.

As we go to press, the New York Lehigh Club is making final arrangements for the second annual Honor Cup Dinner which will be held at the Murray Hill Hotel on Tuesday evening, April 23. Tom Girdler, chairman of the board of the Republic Steel Corporation, will be the recipient of the award.

The dinner was inaugurated as a regular feature on the yearly program of the New York Club last year in order to pay tribute to a prominent Lehigh alumnus who "through service to the University and to his community, has earned his 'L' in life".

Members of the faculty and administration at the University, as well as a number of townspeople, are already making plans to attend the affair. Further details, including list of speakers and other guests besides Mr. Girdler, will be announced shortly by the club officers.

Allentown

As we go to press, the Allentown Lehigh Club was formed. A meeting was held on March 12, and instead of electing officers a committee was appointed to run the club. E. T. Satchell, '00 will be Chairman of the Committee, and W. W. York, '24, will act as Secretary.

Luncheon meetings are planned for the second Tuesday of the month, to be held at the Livingston Club, 22 S. Seventh St., Allentown, and all Lehigh men are welcome. It was agreed that members of the new group will join with the Home Club for outstanding affairs which that group may hold.

Home Club

Beloved Bosey Reiter, Professor of Physical Education at the University for many years, will be honored by the Home Club at a formal dinner on Friday, April 12, at 6:30 at the Hotel Bethlehem.

A fine, beautifully framed portrait of "Bosey" will be presented to the University by V. J. (Pat) Pazzetti, '15 and accepted by Eugene G. Grace, '99, President of the Board of Trustees, who will also pay his tribute to Professor Reiter at the same time. His remarks will be followed by short addresses by C. C. Williams, President of the University, Walter R. Okeson, University Treasurer, and Clifford Lincoln, President of the Alumni Association. A small size framed duplicate of the portrait will be presented to Professor Reiter for the

wall of his home. Herbert Hartzog, '04, will present a bouquet to Mrs. Reiter.

At present, plans call for the portrait to be hung in a prominent spot in Grace Hall.

Any member of the Committee, consisting of Paul Ganey, Chairman; V. J. Pazzetti, Myrl Jacobs, W. L. Estes, Jr., Herbert Hartzog, D. H. Brillhart, Walter Okeson and W. A. Cornelius will be able to supply tickets at \$3.00 for individuals and \$5.00 for couples. Make your plans now to attend, and help to honor "Bosey".

Hon. Request of Month

THE following letter was received by Professor E. R. Theis of the Department of Chemistry from an admiring chemist in Japan:

Dear Sir:

Extending you the compliment of the friendship, and congratulate you on your health in this very cold winter.

I have been reading your sincere work, study of the Aldehydtaning, through The Amer. L. Chem. Assoc., and feel deep interest and have honour of giving you the highest homage that the world has ever known.

I wish to know the analytical method of formaldehyde in leather, in details, made by your study.

Hoping to get your kind answer, also hoping to have good friendship between your country and ours through our chemist's association.

Yours Sincerely,
J. Hirose

Northern New Jersey

Northern New Jersey Lehigh alumni and guests turned out 130 strong at the Annual Dinner which featured as principal speaker, Dr. Neil Carothers, Dean of the College of Business Administration.

The success of our affairs grows as we go along—this was the finest to date, and we are looking forward to an even larger crowd at the Spring Dance, April 13th at Rock Springs, West Orange.

The dinner was held in the Down Town Club on the 13th floor of 744 Broad St., Newark, N. J. February 9th. The boys began to arrive more than an hour and a half in advance of the scheduled start and congregated in the lounges or bar for pre-dinner chatter and refreshment. There was singing to the music of an accordionist.

After congratulating the committee, Bob Trainer, President, introduced Billy Cornelius who gave us the regrets of Okeson who was to have been toastmaster but was forced to decline at the last moment because of illness. Billy in turn presented Bob Herrick of the BULLETIN; Jack Kirkpatrick, assistant to President Williams; Glenn Harmeson of the Athletic Dept. and head football coach; and Dr. Carothers whose presence and remarks were well appreciated and applauded.

G. W. Harris, '89 was seated at the head table next to his classmate—Cornelius. Bucky Macdonald, N. Y. Club head was on hand and announced his club's next affair, also remarking that we seem to get the younger boys out while his problem in N. Y. is to do likewise—he has more success with the older men. Well, I guess you can't have everything. As far as getting together, we will have to take that up in committee, Bucky.

This may be my last opportunity before April 13th to invite all you alumni to our Spring Dance at Rock Springs Country Club in West Orange. At our first affair of this nature — successful too — we had nearly a hundred couples, let's make it a hundred and fifty, this time! Make up your party now and bring your guests. If you want to let me know how many are expected in your party, fine, I'll see that you have proper table accomodations. We hope to have the same music and the tax will no doubt be the same, or less, if we can make it so. If you haven't got transportation, get in touch with some of the committee members and it will be arranged. Don't miss another Northern N. J. function.

A. H. Loux, '35, Secy.

Baltimore

The regular Wednesday noon meeting of the Engineer's Club of Baltimore was favored with a most interesting address by Major Frank T. Leilich, 5th Infantry, Maryland National Guard, on Feb. 14. Frank is a 1908 alumnus, somewhat active in the Maryland Lehigh Club, and he delivered a most interesting talk on the new Army rifle M-1, the Garand. He had one of the new guns with him and it was rather interesting to note that the Technical Sergeant attached to the demonstration had just about as much difficulty dismantling and building the rifle as we had with the old Brown automatic MST. Frank's talk was very well received by the members of the Club who were present in full strength, about 200.

Merritt Clifton, Secy.

These 75 Years

In the spring of 1941, Lehigh will mark its 75th year of service since the founding. Already an alumni committee has been named to arrange an anniversary program which will top all previous efforts. Here is the background of a celebration which is already taking shape.

By William A. Cornelius, '89

Executive-Secretary, the Lehigh Alumni Association

On the ninth day of February, 1866, the Governor of the Commonwealth of Pennsylvania, the Honorable A. G. Curtin, signed an act of the Assembly "to erect and establish at, or near, the Borough of South Bethlehem, in Northampton County, a polytechnic college for the education of youth, of the name, style and title of the Lehigh University."

On the ninth day of February, 1940, just 74 years later the President of Lehigh University, Dr. C. C. Williams, requested the President of the Alumni Association, Clifford F. Lincoln, to appoint an Alumni Committee to confer with a Faculty Committee to be appointed by Dr. Williams consulting with University Trustees with a view to planning the celebration of Lehigh's 75th Anniversary in June, 1941.

By that time the Eugene Gifford Grace Hall will be completed with ample facilities for a big alumni dinner on the Armory floor and a large auditorium for Commencement exercises. The graduating class will undoubtedly be brought into the picture on Alumni Day. Doubtless every class will hold at least an informal reunion. If the Alumni Luncheon is held in Grace Hall, the classes can be seated together as is done at the Alumni dinner. In short there are dozens of possibilities for the program committee to consider.

While the Alumni celebration will be in June, 1941, it is possible that other events will be scheduled throughout the year. For instance, Founder's Day, 1941, lends itself to having a great University celebration in honor of Asa Packer. Again the Lehigh-Lafayette game which is at Bethlehem in 1941 could be made the occasion of a joint celebration by Lehigh and Lafayette of the greatest series of games played by any two American colleges. Lehigh could again put on a "Homecoming", arranged especially to show the progress in education during the past three-quarters of a century. There is, of course, the possibility of convocations and conferences in any of the many academic and technological fields Lehigh covers. Perhaps the decision might be to make the celebration as simple and home-like as the one which marked Lehigh's fiftieth anniversary.

There are mighty few who can possibly look back 75 years and remember the founding of our University but many can remember when we celebrated our Semi-Centennial in June, 1916 and alumni, students and friends of Lehigh University were here for this event. The University acted as host with a luncheon on Saturday for all, right after the Alumni Association meeting. The first Alumni Dinner was held the night before in the Hotel Bethlehem and

this has now become a tradition, having been held annually ever since. There was the usual parade in the afternoon and a ball game between Lehigh and Lafayette. Incidentally, Lehigh won by the score of 5 to 2. In the evening, President and Mrs. Drinker had a reception in Drown Hall.

In those days we had cremation of Calculus and over 5,000 saw the exercises in the stadium on Friday night. Taylor Gymnasium was filled with cots and sections of Price and Taylor dormitories were turned over to the alumni who came unprotected by wifely care.

At the Alumni Meeting, Charley Taylor, '76, of the Finance Committee, reported for the University Board of Trustees that every cent of the University debt had been wiped out and a tremendous shout went up.

The real event took place on the lawn right after the luncheon when President Drinker took charge. In his introductory remarks he gave bits of past history and many of us will never forget how touched we were by emotion. Dr. Drinker introduced the Rt. Rev. Ethelbert Talbot, beloved Bishop of Bethlehem, a member of the Board of Trustees, and Bishop Talbot told of the pride it gave him to be of service to Lehigh. Charles M. Schwab was there and in his inimitable way, he kept the crowd in an uproar. He was followed by D. B. Ainey, '87, Professor Meaker, '75 and Charles Taylor, '76. Hats were taken off when the singing of the Alma Mater was begun, and the parade to the stadium started. It was a real Lehigh family party. Papers all over the country covered the event under caption "Half a Century of Service". Some of

the editorials in the various papers congratulated the President, Trustees, Faculty, alumni and students on their half century of achievement.

We give you all the above for it is none too soon for you to begin to make your plans to be in Bethlehem, June, 1941.

Of course, the Class of '91 will be celebrating their 50th reunion and it will be a great day for them, and the class of '41 will never forget they graduated the year of the big 75th anniversary celebration.

We do not know yet the details and will not know until after the joint committee meets, but we do know the plans will be given careful thought, and with the facilities we now have, the 75th anniversary should be the grandest affair ever held at Lehigh.

Tuning In an Analysis *(Continued from page seven)*

this small electrical force, in the hope that a new method for quantitative analysis might be made available.

Most of these instruments were found to be highly satisfactory from a theoretical point of view but, from a practical standpoint many difficulties were encountered. Elaborate electrical equipment including bulky batteries and many radio tubes and meters made the apparatus unwieldy and very costly. Although a few of these instruments reached the general market, the vast majority of chemists have been denied the use of this valuable method of analysis.

How were we to make available for general use this unique electrical principle? A careful examination revealed that the radio engineers had unwittingly solved much of our problem. By utilizing the newest all-metal radio tubes we were able to design an instrument which would amplify the small electrical force existing between our platinum and tungsten wires to such an extent that an ordinary electrical meter could be used as a measuring device. Furthermore, recent developments in the all electric radio set, which have eliminated the effect of fluctuating house current, were put to good use. The bulky wet batteries, so necessary in the earlier instruments, were replaced by the alternating current supply.

Preliminary trials indicated that satisfactory progress was being made. We realized, however, that our problem

would not be solved until the fragile and costly meter could be eliminated from our instrument. Again, the radio engineer came to the rescue with the "magic tuning eye" of the modern radio.

Most everyone is familiar with the fluorescent green disk with its black pupil center and its wedge shaped shadow which seems to peer at us from the panel of our radio console. When our set is properly tuned to a distant radio station, the eye winks, and the entire disk emits a pale green light. When our receiver is improperly tuned, the eye opens, and a wide wedge-like shadow appears on the disk of light.

A few fundamental changes were made to the original circuit design in order to accommodate the magic eye as a measuring instrument in place of the delicate electrical meter. After some experimentation, we found that this inexpensive and sturdy vacuum tube not only replaced the meter but also contributed new properties to the instrument as a whole.

Let us take a brief glance at the practical use to which we have applied our new tool, namely, the analysis of a steel for its chromium content. After the steel sample is dissolved in a suitable acid, we insert the platinum and tungsten wires which have been connected to the instrument. By means of a control on the panel, we are able to close the eye, i. e. cause the entire disk to fluoresce. If we now add to our sample a solution of some chemical of known

strength, the chromium compound present is changed into a new compound which produces a different electrical force across our platinum and tungsten wires. As long as any unchanged chromium is present, our eye will remain closed, but the moment the last infinitesimal amount of chromium is converted to the new compound by the addition of the last drop of our known solution, the eye winks wide open. Since we can measure the amount of our known solution which we used to convert the chromium in our sample, it is a simple matter to calculate the chromium content of the original steel sample.

After the development of several new methods of analysis, our attention was again turned toward further simplification of the instrument. We have now succeeded in producing a sturdy, compact, portable and inexpensive instrument which opens for the chemist a completely new field of analytical practice. The present model may be constructed from standard radio replacement parts by any one familiar with vacuum tube operation for a cost of less than that of a small radio receiver.

At the present time we are devoting all of our available moments to the development of new uses for this valuable tool. We hope to make available rapid and accurate analytical methods for both the industrial and research chemists. Procedures for the analysis of leather, textiles, oils and fats, steel, and foods are at present under investigation.



PREXY'S PEN

not greatly influence total operating costs since about 40 per cent of the total is essentially constant and the 60 per cent would be affected but little. The following table gives a conception of the way educational costs vary with enrollment changes. In this tabulation, graduate instruction could not be deducted, but the results are not materially affected thereby.

Year	Undergraduate Enrollment	Instructional Cost per Student	Total operating Cost per Student	Total Cost Per Student (Inc. fixed costs)
1934-5	1337	\$375	\$696	\$992
1935-6	1442	335	638	924
1936-7	1634	322	602	846
1937-8	1759	295	580	810
1938-9	1867	285	554	777
1939-40	1810	295	565	805

The decrease in instruction cost per student with advancing enrollment is noteworthy. This decrease would have been even more notable if faculty salaries had not been increased about 7 per cent in this period. Because the enrollment last year over-ran the "1500 paying students", it was reduced this year with the effects on costs as shown. The operating revenues were thereby cut about \$25,000 with no decrease in operating expenses. After the University is once organized for a certain enrollment, a reduction does not materially diminish expenses because the reduction is so sporadic that no one department can eliminate any classes. Incidentally it may be noted that while student fees pay somewhat more than the actual cost of instruction, they cover only about half of the total cost of furnishing the education.

It should be kept in mind that funds from student fees vary directly with the number of students. If the enrollment of tuition students were decreased by 300, as some one has suggested, we should require an increase in endowment of nearly \$4,000,000 at present rates of earnings in order to continue to operate the University at its present level and scope.

In making up the 1940-41 appropriations we face a static budget, that is, no advances possible except as savings can be effected by natural shifting. Colleges quite generally are confronted with corresponding conditions and their ability to meet the situation depends chiefly upon the proportion of fixed budgetary commitments and the extent to which the expenditures are flexible. In 1932, when Lehigh was forced to retrench, faculty salaries were not cut, the economies being effected in curtailing temporary staff appointments, equipment expenditures, and plant maintenance. In the past four years, the deferred maintenance has largely been made good and the staff has been rebuilt, although departmental appropriations for equipment have not been restored. Therefore, the flexibility of the Lehigh budget is less than we should desire.

If endowment earnings should hold at present levels in the next few years, the present program at Lehigh will be secure. Any material improvement however will have to await either increased endowment funds, or a substantial advance in endowment earnings.

BUDGET making, my present labor, is always a difficult and trying business; it becomes more arduous and distressing as each year brings diminished endowment earnings. In setting up the budget for 1940-41, the University is confronted with about \$7,000 less from estimated endowment earnings than was available for the current year notwithstanding the increases in the corpus of the endowment. Even to continue with no added equipment and no change in salaries anywhere, requires some curtailment of plant and equipment maintenance. Any expansion of the facilities must wait until conditions improve.

Not infrequently alumni who are not acquainted with the intricacies of the budget hold the view that the student enrollment should be reduced so that operating expenses might be cut down. Only recently, two communications came to me from different sources to the effect that if the enrollment had not been permitted to increase to the present numbers, the University would be in very comfortable circumstances financially and that the enrollment should be radically set back. Such an opinion is entirely erroneous.

Any practical reduction in student enrollment would decrease operation costs very slightly but would decrease operating resources materially. The income for the budget of 1940-41 will come from endowment to the extent of only 21.5 per cent whereas a few years ago, the endowment accounted for about 40 per cent of the operating funds. On the other hand, with buildings heated and lighted and the instructional facilities set up, additional students add almost clear income, just as additional passengers which fill empty seats in a train represent clear gain to operating revenues of a railroad.

The budget allocations at Lehigh are distributed approximately as follows:

Instruction, research and library	60%
Plant operation	17%
Athletics, health and welfare	10%
Pensions and reserves	4%
Administration	9%

From this distribution it is evident that any reduction in enrollment short of abolishing certain departments would

C. O. Williams



STUBORN and determined opposition from four definite threats were swept aside on March 8 and 9 as Coach Billy Sheridan pulled a few more tricks from his sleeves which enabled the Lehigh wrestling team to cop the Eastern Intercollegiate Wrestling Association title for the 10th time since 1927 at Archbold Gymnasium of Syracuse University.

Although there were many serious contenders for the eight weight crowns, the Engineers were on their way to their third consecutive title before the second and third place bouts were completed. After two days of the most consistent wrestling seen in the Easterns in the past decade, the Brown and White matmen returned to Bethlehem with 21 points, the beautiful silver trophy, two Eastern champions, and the distinction of putting up a great fight.

NEW CHAMPION BEN SCHRADER



Tied for second place honors were the wrestlers from Princeton and Yale, who scored 15 points, with three other teams holding their own to take third place with 10 points each. Included in this bracket were Cornell, University of Pennsylvania, and Penn State.

Harold Masem, captain of the Lehigh contingent, became the first wrestler in the history of the Eastern Intercollegiates to win three different titles in as many years when Yale's great coach, Eddie O'Donnell, came to the center mat to hold up Masem's hand as champion and it was evident that Jim Latson could not continue to compete because of an ankle injury.

Lehigh's second title came when Ben Schrader won a referee's decision over Bill Daughaday of Harvard. Before reaching the final round, Schrader eliminated James Banker of Yale and Forbes Brown of Cornell in the 165-lb. bracket.

Brown and White fans were given a shock in the first round when Captain Masem was being given a severe test by Jim Barber of Columbia during the regulation bout and was extended dur-

THE SPOT

Again the canny Scot and his laddies have taken the Eastern Intercollegiate title as well as two individual match championships.

ing the two overtime periods before he earned a close decision from the referee.

Joseph Quinn, sophomore 145 pounder, fell short of expectations as he struggled through the first round and dropped a decision to Neil Carothers of Princeton, who had a decided advantage throughout the match. Harry Boyer, sophomore regular at 136, dropped to the lower bracket and won third place after a troublesome afternoon and evening in the first round and the semi-finals.

With basketball and wrestling drawing a devoted clientele of sports fans, the scene shifted during the past month for the highlight of the athletic calendar at Lehigh. The setting was not Taylor gymnasium on the campus in Bethlehem, but the beautiful sports arena in Hershey.

College spirit and a definite bid for support were two factors which prompted the Lehigh Hockey Club to stage the most colorful and enthusiastic event during the month. Traditional rivalry with Lafayette; exhibition skating by Miss Ailsa McLachlan, professional at Hershey; music by a band of 80 Lehigh



Left: "A private dining car" supplied students with sandwiches, coffee on the Hershey excursion. Center: The whole crowd tried their skates after the match. Above: An inspired Lafayette team was a bit too quick, too keen for Lehigh.

T PARADE

By Charles J. Moravec

Assistant University News Editor

musicians; a dinner meeting of alumni living in Central Pennsylvania; and a hope to bid for patronage were adequate enough reasons for the special excursion train which carried 332 alumni, faculty, and student fans to Chocolate Town for an evening of true sportsmanship.

The entire party was a success from every viewpoint but two. The Engineers dropped a Pennsylvania League contest to the Leopards, 3-1. A freshman was placed on disciplinary probation and one social fraternity voluntarily went on social probation because the yearling was intoxicated.

Enthusiasm mounted to a high pitch as the train pulled out of Bethlehem with a baggage car rigged up as a refreshment special and the faculty occupying the modern Blue Comet observation car. There was plenty to talk about, plenty to eat, and plenty to see. A special feature of the trip was the publication of a "Hockey Special" by the Brown and White newspaper staff. On the return trip a quartet of band members gave the faculty a sample jam session as the train neared Bethlehem.

The hockey game itself was not what the majority of the fans had expected. The Lehigh sextet was a big favorite since the Leopards had dropped every encounter up to that time. A long shot from the blue line by Lafayette's leader, Frank Murphy, in the first minute of the game skipped by Luke McKay and the Maroon skaters were on their way to triumph.

Lehigh's defense bogged down as the Leopards pushed the puck towards the Brown and White goalie at frequent intervals. Perhaps it was over-confidence before a partisan Lehigh audience, but it must be admitted that Esky Clark's skaters capitalized on the opportunities offered them by the Brown and White team.

Following the game, a flock of Lehigh rooters took to the arena ice for an hour of skating. Some ventured to try some of the fancy stuff with a fair amount of success. Some others just managed to plod along the rail while the others were having a good time on ice for the first time in years. Everyone enjoyed it.

Wrestling

Wrestling fans became confused as the Engineers dropped two close matches on mats away from Taylor gymnasium. Most of them did not take into consideration that Coach Billy Sheridan evaluated the Middies of the United States Naval Academy as one of the most improved teams in the East. Others did not realize that last spring the Scotsman stated that Cornell was the team to watch during the 1940 campaign. A few more could not visualize the fact that several newcomers were included in both opponents' lineups when they

REPEAT CHAMPION HAROLD MASEM



met the Engineers but did not wrestle earlier in the season.

Taylor Gymnasium was packed to the doors when the undefeated Nittany Lions invaded Bethlehem with the hope of snapping the winning streak of Billy Sheridan's team. The crowd cheered and roared as Referee Bliss Sargent of Lafayette stretched out his hands indicating a draw after two overtime periods in the heavyweight bout between Bill Lehr and State's Warren Elliott and ending the meet in a 12-12 deadlock.

The thrilling bout of the evening was between Al Lee and Frank Gleason, defending Eastern titleholder in the 136-lb. division. Lee was a last minute substitute for Harry Boyer whose ankle injury was more serious than believed at first. Gleason had Lee in a pinning position for the final five minutes, but only courage and a determination to stay the limit saved the day for the Engineers in the final analysis.

Lehigh's first setback in two years came when the Engineers traveled to Annapolis for their annual tussle with the Middies of the Naval Academy. Coach Billy Sheridan missed his first intercollegiate meet in 29 years because of illness and it had to be defeat by a 17-11 score.

With the result of the individual bouts see-sawing back and forth, the tide of victory hinged on the 175-lb. fight between Navy's Don Taylor and Dick Brenneman, former P. I. A. A. champion in this weight. A close decision in favor of Taylor gave the Midshipmen the meet as Bill Lehr was not expected to take Allen Bergner, the strongest man ever to attend the Naval Academy.

Following the Navy meet, the Engineers made a two-day trip to Syracuse and Cornell, winning the first encounter, 20-8 and dropping the second, 15-11.

The eight points scored by the Orange were a decision by Jack Swift over Tony Carcione in the 121-lb. class and George Hooper's fall over Bill Lehr in the heavyweight division with an arm lock and body press in 6:31. Captain Masem scored his first fall of the season as the Lehigh lineup remained the same as on previous occasions with the exception of the 165-lb. class where Art Rich replaced Ben Schrader who was nursing an infection on his neck.

With several newcomers seeing action for the first time this season for Cornell, the Lehigh matmen were surprised when they ended their Empire State competition at the short end of a 15-11 verdict.

The Big Red surprised the Brown and White lightweights by taking an early lead.

Captain Masem upset all the dopesters by pinning Jim Trousdell, one of the favored candidates for the Eastern title in the 155-lb. division. Lehigh's other points came by virtue of two draws in the last two bouts and decision by Joe Quinn at 145.

Determined to establish themselves once again as powers in Eastern wrestling circles, the Engineers put on the pressure when they traded holds with the Leopards of Lafayette at Easton before a capacity crowd of 2,000. Taking every bout except the heavyweight, Billy Sheridan's varsity combine handed the Maroon their second and worst defeat of this year's campaign, 25-5.

The feature bout of the evening was the tussle between Captains Masem and Jim Bryant. The Lafayette wrestler offered Masem the most trouble since the two met last year in Taylor Gymnasium, but the Lehigh leader managed to have enough of an advantage as he had Bryant in a pinning position on two occasions to take the referee's decision.

Dual intercollegiate competition for the season came to a close as the Engineers triumphed over Princeton, 27 $\frac{1}{2}$ to 4 $\frac{1}{2}$ for the most decisive victory over the Tigers since 1924. It was in this meet that the Brown and White grapplers revealed for the first time that they were rounding into physical condition for the next important event, the Eastern Intercollegiates at Syracuse University.

Princeton's points were earned when Bob Eberle won Referee Myrl Thrush's decision over Frank Bailey and when Bill Lehr and Dick Bowen battled to a draw after two overtime periods of the heavyweight bout. Tony Carcione scored his initial fall of the season when he pinned John Lytle, a substitute at 121, with a body scissors and high bar in 1:47. Ben Schrader returned to the Lehigh lineup at 165 to score his first fall of the season when he pinned Dick Bowen with a crotch hold and body press in 1:56.

Basketball

The season's record of five victories and ten defeats is just the reverse of the 1939 quintet. The Engineers never did seem to get under way this season although they sparked signs of victory in several contests only to bog down and let the opposition take things under control and defeat the Brown and White cagers.

Since last month, the Lehigh baskeeters defeated Rutgers 42-31; Lafayette, 57-40 and Muhlenberg 46-44. The Rutgers' triumph was the sweetest since it was the first time since 1926 that the Lehigh forces downed the Scarlet on the New Brunswick court.

Overconfidence and sloppy play cost the Engineers the chance to cop the Middle Three title. With a victory over Rutgers and Lafayette, the Brown and White team fell apart when the Scarlet came to Bethlehem to win 47-46. Against the Maroon at Easton, the Engineers were hopeless, losing 58-31.

Swimming

After a bad start against superior competition, Coach Pete Morrissey's swimming team defeated Johns Hopkins and Swarthmore aquatic teams to pull through what otherwise would have been a disastrous season. A close 39-36 Lafayette victory over the Engineers proved to be the highlight of the season.

The season's outstanding performer was Bill Simpson who was a dual victor in every meet except two this season. He was nosed out in the 50-yard free style event in the Rutgers and Navy meets but turned in first place in the 100 and 220 yard free style competitions in the last three meets of the season. In addition, Simpson was the first swimmer to snap the winning streak of Bob McClay of Delaware in the sprint events.

Lehigh's victories were a 52-23 triumph over Johns Hopkins and a 54-21 verdict over the Garnet of Swarthmore. Losses handed the Engineers were by strong Pennsylvania, Navy, Rutgers, Delaware, and Lafayette combinations.

Spring Schedules BASEBALL

Apr. 3—Haverford	.....	home
Apr. 4—Conn. State	.....	home
Apr. 6—Penn State	.....	home
Apr. 8—Princeton	.....	away
Apr. 10—Dickinson	.....	home
Apr. 13—Swarthmore	.....	away
Apr. 16—Ursinus	.....	home
Apr. 17—Villanova	.....	away
Apr. 20—Upsala	.....	home
Apr. 24—Drexel	.....	home
Apr. 27—Muhlenberg	.....	away
Apr. 30—Gettysburg	.....	away

TRACK

Apr. 13—Rutgers	.....	away
Apr. 20—Muhlenberg	.....	home
Apr. 23—Swarthmore	.....	home
Apr. 26—Penn Relays	.....	away

TENNIS

Apr. 10—Pennsylvania	.....	away
Apr. 13—Gettysburg	.....	away
Apr. 20—Penn State	.....	home
Apr. 24—Blue Ridge	.....	away
Apr. 26—Duke	.....	home
Apr. 27—Johns Hopkins	.....	home

On The Mike (Continued from page nine)

boys, too, who are working with advertising concerns in New York. So Lehigh is fairly well represented.

My first job with Young and Rubicam was assistant director and stage manager for *We The People*. My duties ranged from coaching the guests on microphone technique to collecting props for the broadcast. The show emanates from Columbia Playhouse Number One in New York, and during the broadcast I was made to stand on the stage, lead the inexperienced guests back and forth from the mike, converse in sign language with the boys in the control room, make conspicuous gestures toward the audience to "cue in" applause, and feel generally self-conscious, miscast and foolish.

Since there are three hours difference between East and West coast time, each important evening show generally has a repeat broadcast. *We The People*, at the time I was with it, went on at 7:30 for the folks East of Denver, and again at 10:30 for those on the other side of the Rockies. It was my job to keep the guests together between shows and make sure they didn't get lost or forget the repeat show. Since most of them came from out of town, it often became a difficult problem.

I remember one night we had as guests a man who had escaped from Devil's Island, a woman who had won a rolling pin contest, the "Fattest man in the Kentucky Hills" who tipped the scales at 450 lbs. stripped, and seventeen grandmothers who played tamborines and made music on kitchen utensils. After the first show, they decided they wanted to see the town. So around and around Times Square I went with an escape artist, a rolling pin champion, the fattest mountaineer, and seventeen grandmothers behind me.

Why not be my guest for a moment and follow the progress of a half-hour show through one week's preparation.

To those of you who have never heard *We The People*, let me say that it's a show designed for Mr. and Mrs. America, based on the axiom that every one of us has the makings of at least one good story about himself. So each week, six or seven people selected from all over the country are invited to the microphone to tell an actual experience.

Suppose now that Mrs. Dilks of South Shamokin has a story she feels other people would like to hear. First, she writes a letter with full details to *We The People* in care of the station to

which she is listening. That letter is promptly forwarded to our radio department and the real work begins.

The letter is first read by one of five members of a research staff trained in newspaper work and qualified with especially keen snoots for "smelling out" a whale of a yarn. Once Mrs. Dilks' letter is judged *A-number One*, it is filed and refiled, and a great many important looking letters go sailing out to Mrs. Dilks' house for additional information. Finally, the research staff decides it has a story, so up it goes to the director of the program with all the letters and a terrific "angle" with which to put the story over. Once the director likes it, he says, "Lock it up, boys". So back marches the research staff to its office to "lock it up".

Then the director sits down with three "crack" radio writers. They discuss angles and ways of handling the story, and each story is carefully written and edited.

By this time, it's the day before broadcast time and Mrs. Dilks and the other six guests are already in town and are being hustled over to CBS for a voice test. You'd be surprised how important that is, and how discouraging it is, after being told that the guest is an expert linguist, to find out the poor soul can't even mutter. It often happens!

Comes the first rehearsal! The show is routined with an eye to dramatic emphasis and sound showmanship, and each guest is rehearsed and rehearsed until he is just about as good as he'll ever be. Then there's a dress rehearsal and afterwards the guests are free until the following day, but the director and his staff work far into the night ironing out script difficulties. Through the entire following day, the director rehearses his cast, blends in the musical bridges, and finally when everything is ship shape (we usually hope) the show goes on the air.

But don't think everything is smooth sailing in radio—even on the biggest shows. In spite of foresight and planning, any number of things can happen to the most seasoned director to throw him into a complete panic. Take for example, the Screen Guild show before Christmas last year. Tallulah Bankhead, Robert Benchley and Fred Allen were scheduled to appear as guests, but at the last moment Miss Bankhead was taken ill and was forced

to withdraw from the lineup. We got the news at 4:30 Sunday afternoon; the show was to go on at 7:30 that night, which left just three hours to write Miss Bankhead out of the script, and give Benchley and Allen a great deal more to say.

For two hours and forty-five minutes, a pack of writers, producers, assistant producers, secretaries, account executives and Lord knows who else, jammed a small mysterious dressing room thick with cigarette smoke while Mr. Benchley and Mr. Allen faced each other across a battered desk and spouted yarns. One secretary frantically turned them into shorthand symbols, another translated the symbols into typewritten copy and a producer wove them into a script.

Ten minutes before air time, a script was finished and so was practically everyone connected with the show except Mr. Benchley and Mr. Allen. They sat through the entire ordeal as unruffled as if they had been on a fishing trip in Maine with Fred outdoing himself with ad libs and Bob chuckling away to his heart's content.

Finally, one of the most amusing stories I have ever heard about radio comes to me second-handed. It seems that on the serial show called *The Phantom Pilot* one of the directors, a small fidgety man, hopped around and waved his arms in front of the actors to such an extent that it began to upset them. They decided on a cure.

It happened that the opening signature was a recording in which an airplane made a power dive briefly and would "straighten out". Then came the crisp voice of the announcer: "*The Phantom Pilot*".

One night, the annoyed actors switched the record, turned all the studio clocks ten minutes ahead and then waited.

One minute before air-time they took their places. The director put on his earphones and began his customary bounce. Five seconds to go—four—three—two—one. The director brought his arm down hard. The record started—the airplane power dive. It registered a few seconds but—wait. It failed to straighten out as usual. Instead, there was a loud explosion, a crash. Then came the announcer's voice—excited, intense: "Holy Jeeze, he missed!"

The actors folded the little director's arms across his chest, carried him outside and slowly revived him.

By Dr. Benjamin L. Miller



The Founder

IN recognition of the fleetness of life and the crowding out of the past by multiple duties of the present, various means have been instituted to keep alive the memory of outstanding personages of the past.

In our colleges the method frequently chosen is the naming of buildings for those who have made valuable contributions to the institutions in the way of distinguished service. The subject of this article is such a recipient, and Williams Hall, which he envisioned as the place where his work would be continued and toward which he made large financial contributions, worthily bears

his name. True, a tradition continues.

Professor Williams was born in Proctorsville, Vermont on September 30, 1849 and died in Woodstock, Vermont on November 2, 1933, at the age of 84 years.

He traced his ancestry to Robert Williams who sailed from Yarmouth in the *Rose* on April 15, 1637 and reached Boston "three days before midsummer." He was the son of Dr. Edward Higginson Williams and Cornelia Bailey (Pratt) Williams. His father was a physician by training, but during most of his life was a railroad executive.

Professor Williams' early life was

mainly spent in Vermont. He was a student in Phillips Academy, Andover from 1865 to 1868 and graduated from Yale in 1872. After a year in a surveying corps of the Pennsylvania railroad he entered Lehigh University and was graduated from the chemical course in 1875 and from the mining engineering course in 1876. The next five years were spent in active mining work in the anthracite field and in iron mines.

In the fall of 1881 he returned to Lehigh University as Professor of Mining Engineering and Geology, a position which he held for 21 years. Here he did his chief work and made his most important contributions to geology and engineering. He resigned in 1902 on account of rather serious and increasing deafness and also because of his desire to move to Andover, Massachusetts in order to place his sons in Phillips Academy. He nevertheless continued to serve Lehigh University as Lecturer in Geology and Mining.

Professor Williams was awarded the honorary degree of Sc. D. by the University of Vermont in 1912, the hon-

orary degree of LL.D. by Lehigh University in 1913 and held membership in many learned societies.

Professor Williams was a man of broad training and of diverse interests. He was a student to the end of his life. Although his chief interests were in education, science and engineering, he made a number of interesting investigations in history and genealogy on which he contributed several articles.

The study of language was always a source of pleasure to him. In addition to Greek, Latin, French and German which he studied in college, he delved into Egyptian, Coptic, Sanskrit, and Hebrew.

By founding Tau Beta Pi, E. H. Williams left a high mark for engineering students. But more, he contributed much to Lehigh. Here is a sketch of the man whose name is honored in Williams Hall.

In his work in the mines he came in contact with Welsh miners and became so much interested that he learned to both read and speak their difficult language. It was common for him to carry about a Welsh New Testament on his travels. During the last few years of his life he was studying the ancient Gheg dialect of the Albanian language and had largely completed a Gheg grammar and dictionary.

One of the greatest, if not actually the greatest, contribution of Professor Williams in the educational field was his founding of the honorary engineering fraternity, Tau Beta Pi. Soon after he began his teaching career, he was able to obtain a chapter of Phi Beta Kappa at Lehigh University, but soon found that in this society there existed a prejudice against engineers. He therefore established a new honorary society for engineers which by now has spread to practically every recognized engineering institution in the country. In 1930 the society in celebrating its 45th anniversary unveiled a beautiful memorial

tablet to its founder on the Lehigh University campus appropriately supported by glacial boulders gathered from localities in the Bethlehem region which Professor Williams had studied and interpreted.

His first real opportunity to do geological research was afforded him when he returned to Lehigh University to teach. His keen observation soon convinced him that the great glacial ice sheet had extended into the region of Bethlehem, although the glacial geologists previously had concluded that its terminus lay about thirty miles to the northeast.

He then started the investigation that occupied his spare time for many years and carried him entirely across the state of Pennsylvania. Sometimes by himself, but generally with a small group of students, on Saturdays and during the vacations, he tramped across the country seeking glacial boulders and striving to reach the correct interpretation of the phenomena observed.

As related by both Professor Williams and Dr. Joseph Barrell, the

method employed was stimulating in the extreme. If either the leader or a student formulated a theory to account for what was found, the other one would act as the "Devil's advocate" and purpose all the objections he could muster. If an explanation could not be overthrown by this system, they were fairly certain that it possessed sufficient merit for serious consideration.

Trained as an engineer, he did not spend many years in his profession, although he remained an engineer in thought and action. His method of approach to a geological or educational problem was the exact method of the engineer.

He was active in civic affairs and genuinely interested in work for the welfare of his home community. Kindly in disposition, honest and upright in his dealings, he lived and died a respected and useful citizen.

His body rests beside several generations of ancestors in Woodstock, Vermont, but his efforts are still bearing fruit. He was a loyal son of Lehigh.

Honored Name *(Continued from page one)*

unit and will provide accommodations for 130 students.

That the building honoring Dr. Drinker should be a dormitory was singularly appropriate. One of his chief concerns, as president, was the personal welfare of the students. Indicating Drown Hall, he had said, "What can possibly be better for our students . . . (than) . . . to promote college feeling and loyalty by bringing our men together". On February 6, Henry Sandwith Drinker, the late President's eldest son was present for the ceremony. With him was his sister, Mrs. Catherine Drinker Bowen Downs, prominent author.

President Williams introduced the guest, saying, "In order better to house the students of Lehigh University it became necessary to provide additional dormitories. Today we are to lay the cornerstone of the second of these new dormitories. It is probable that this will be the last to be built for a considerable period, because with a limited enrollment, the dormitories meet the present need. We do not expect to attempt to replace the fraternities by dormitory accommodations because it is our observation that the fraternities provide an acceptable mode of housing students in parallel with the dormitories. We

wish these two systems of housing to supplement each other rather than compete with each other.

"On my recommendation, the Trustees have named these two dormitories after presidents of the University who did much to build up the University through their devoted efforts during

P. T. S. Bonds

Pi Tau Sigma bonds that have been called for redemption are 119, 81, 80, 74, 65, 58, 52, 48. The holders of these bonds should get in touch with Professor Connelly in Packard lab.

their respective administrations. The building whose cornerstone we are about to lay is to be called the Henry Sturgis Drinker House in memory of Dr. Drinker, who graduated at Lehigh in 1871, served as a trustee more or less continuously from '77 to 1905 and as President of the University from 1905 to 1920. His presidency of 15 years is the longest of all the incumbents of that office. In that period Lehigh University made notable progress.

"I now have the pleasure of introducing Henry Sandwith Drinker, eldest son of the late President Drinker, an eminent attorney of Philadelphia who, with

this handsome silver trowel, will lay the stone.

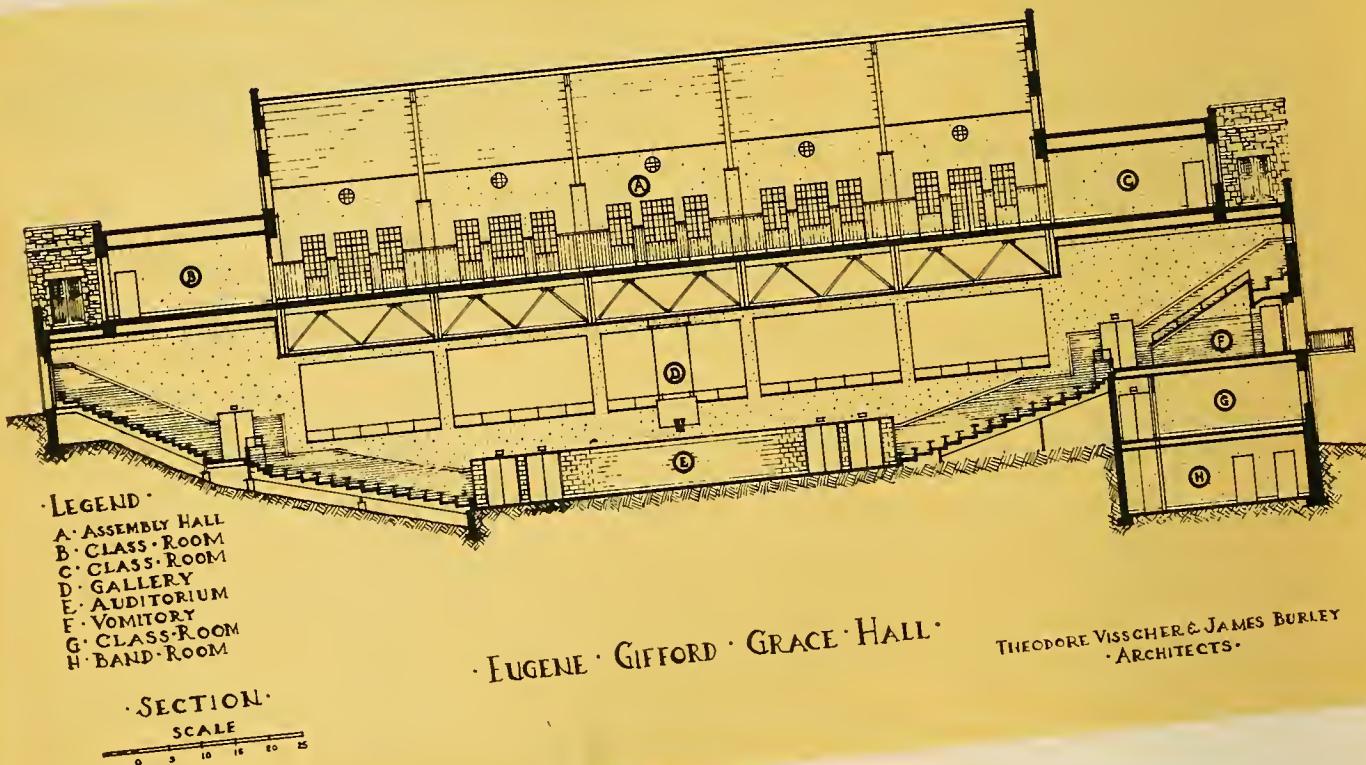
Mr. Drinker spoke briefly, "I don't know of anything," he said, "that you at Lehigh could have done that would please father more . . . It is particularly fitting that his name should be given to a building where boys are going to live while they build to make their lives worthwhile."

The block of Woodbury granite was lowered, and in it was placed a copper box containing copies of Dr. Drinker's addresses; a penned letter from Dr. Drinker to his successor, Dr. Richards, president-emeritus, and a tribute to Dr. Drinker by Dr. E. G. Grace, president of the Board of Trustees. Other current records including a copy of the Alumni Bulletin which contained a biography of Dr. Drinker, were also enclosed.

In the bluster of a gray winter day, more than 75 persons witnessed the ceremony. Prominent guests included, James L. Burley, '94, representing Visscher and Burley, architects; Wm. A. Cornelius, '89, executive-secretary of the Alumni Association; John O. Hegeman, president of the contracting firm; Alan C. Dodson, '00; Trustee; Fred E. Galbraith, Jr., '40, president of Arcadia and Walter S. Russell, '40, president of Interfraternity Council.

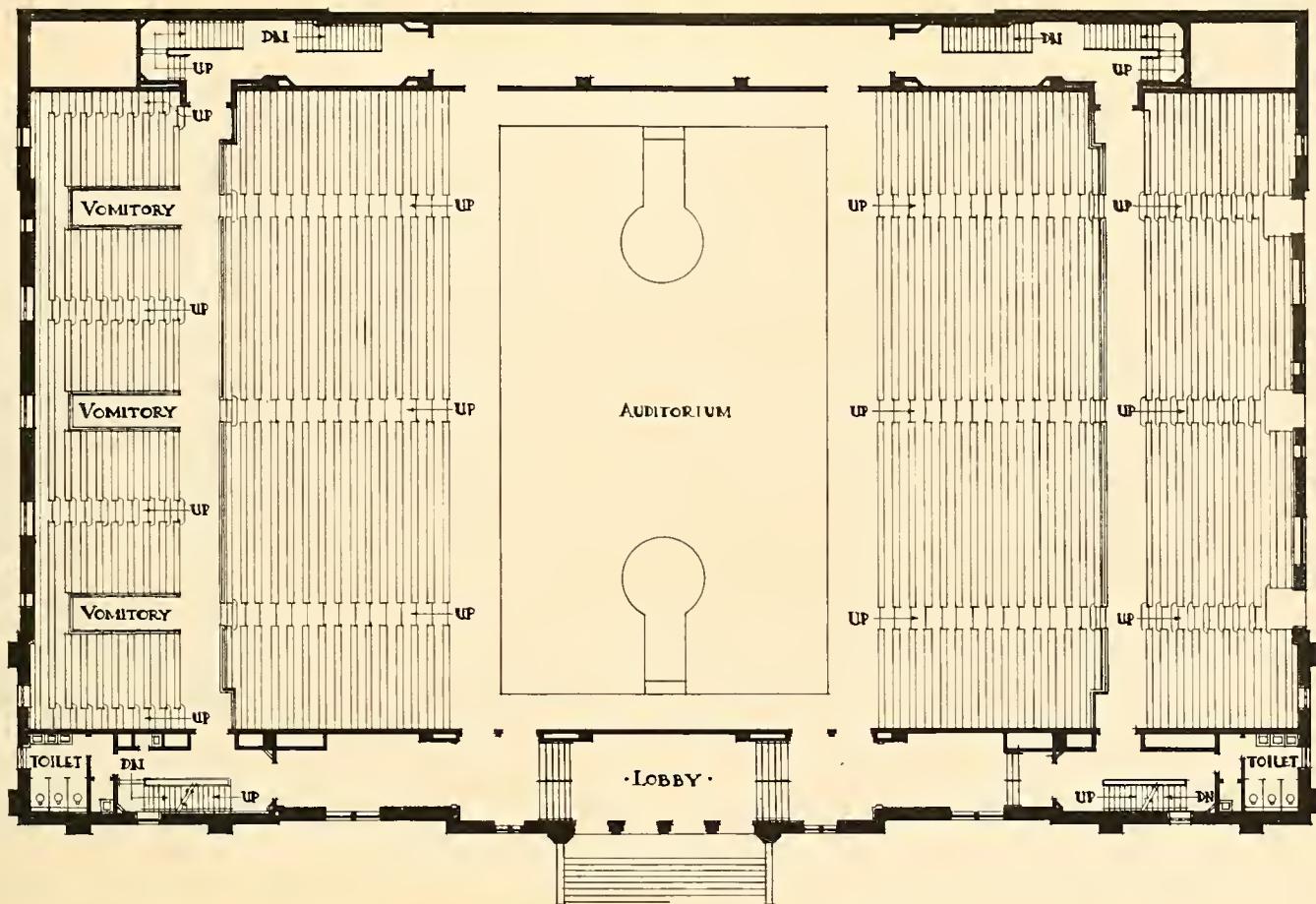
Notes

from an architect's sketchbook

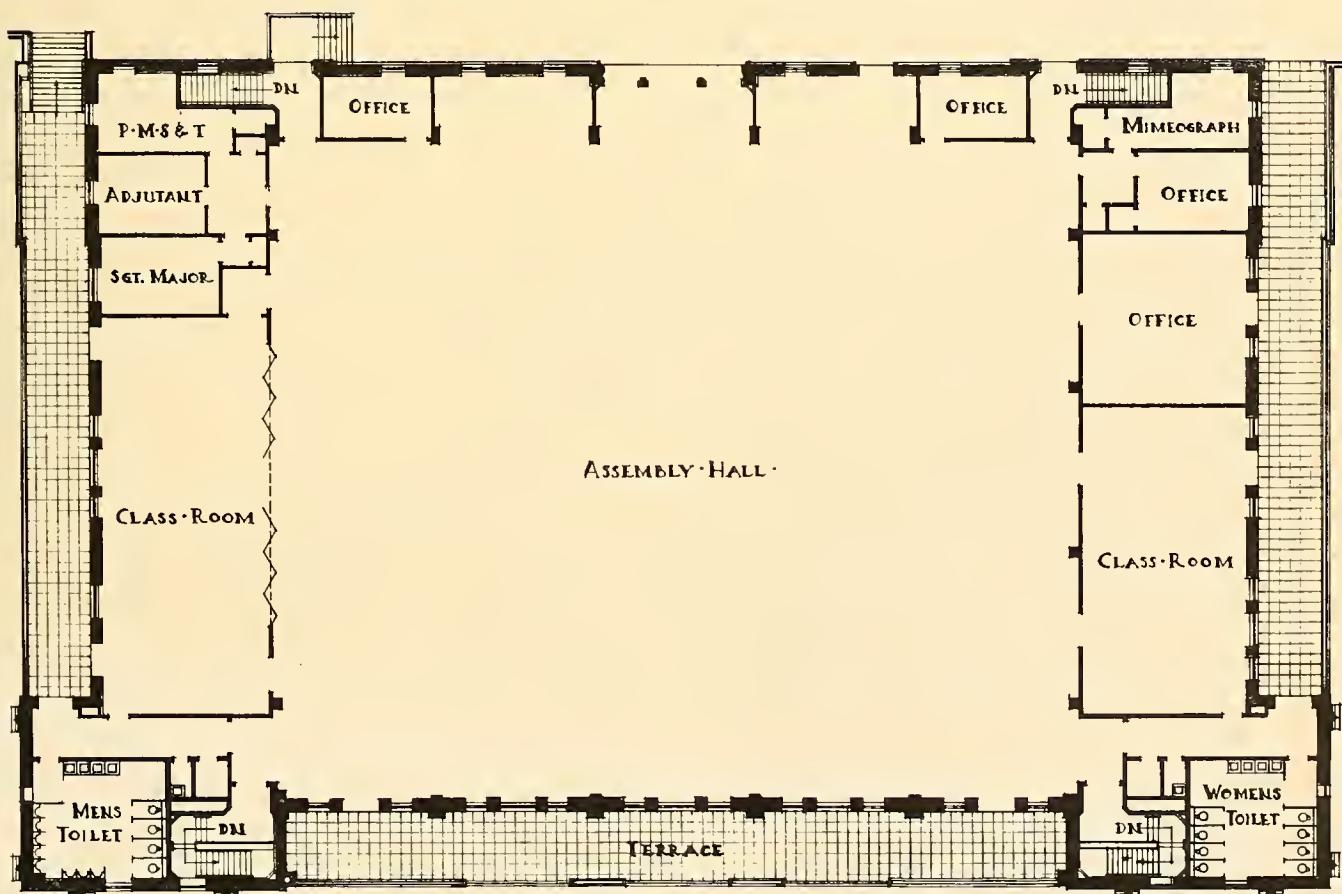


HERE for the first time are revealed exclusive architect's drawings for the new Eugene Gifford Grace Hall which is to be erected this year. The plans are strictly tentative and have not as yet been approved by Mr. Grace, who donated the \$300,000 structure. The plans are there-

fore published as an indication of the general nature of the building, its scope and its exterior appearance. Basic details will probably not be altered. The sketches are through the courtesy of James Burley, '94, University Architect, and were prepared for this particular issue.



Tentative First Floor Plan



Tentative Second Floor Plan





Theodore Visscher & James Burley
Architects

Grace Hall

PERSONALS

CLASS OF 1889

*George W. Harris, Correspondent
12 Holland Terrace, Montclair, N. J.*

A corking good letter from S. E. Lambert came to hand the other day about the doings of the '89 delegation of Southern California, including the widows of our classmates who have gone to the great beyond. Visiting '89ers have much enjoyed reading the original text of Lambert's letter and a few "illuminating" excerpts follow in the prophet's own words:

"The first of each year, Pasadena is honored with a "Rose Parade" and the noted East-West football game. All of California takes off its hat to Pasadena and calls the day "Pasadena Day". The floats went down the boulevard and disbanded. The town has the aftermath fairly well out of the way. The Tennessee team came and saw a team the like of which they have never seen before, looked at several new plays and passes (at least they were new to them)—well they came, they saw and went home. And now life goes on its way as if nothing wonderful had happened.

"This lull seems a good time to write and say:

"That Mrs. William Butterworth came back to her Santa Barbara home about the middle of January and will be there until some time in April. She is in unusually good health and good spirits and advised by telephone that she is back and wants to be remembered to all who are interested in the Class; Mrs. Arthur Long is living in Southern California and is as alert and active as ever. She is deeply interested in everyone connected with the Class and points with pardonable pride to good old Artie as he appears in a number of photos of the football team of his day. Mrs. Charlie Moffatt lives in Los Angeles—her gracious attention to our Class in sending us a bunch of flowers last June, was much appreciated.

"Our inability to get Charlie and Mrs. Hinchman back to the Campus has been a distinct loss to the Class. Propaganda to get them back for the next reunion is in order now. "Clattie" Walker and his daughter cannot be omitted and true representation of the Class of Southern California made, (why the alias "Clattie"—fingerprints might develop something interesting). Clattie grows younger and his ability to make noise has not abated with the years, as was proved when the Rose Parade came along and he tried, by sheer lung power, to attract the attention of every Senorita who graced the floats; and they all looked up to see whence the noise came, with huge smiles, which, Clattie, true gentleman that he is, graciously accepted as his reward. The only fly in the ointment was that his voice gave out long before the parade was over; this was a deep disappointment because he could not see the faces of the Senoritas who passed by after this misfortune befall him.

"Mrs. Lambert and I are very well indeed and are remembering with great pleasure the delightful time we had during the Class Reunion last June. The Southern California representatives of the Class have developed a typical spirit of hospitality and if any members of the Class come this way, they will find latch-strings hanging out".

CLASS OF 1891

*Walton Forstall, Correspondent
Ithan Ave., Rosemont, Pa.*

After two delightful months in Florida, your correspondent spent a very uninteresting February in bed at Rosemont, in company with a gripe germ.

"Sid" Heilig on March 28 joins our three-score-and-ten club and I am no longer the baby member.

CLASS OF 1892

*Herman H. Davis, Correspondent
R. F. D. 2, Newtown, Bucks Co., Pa.*

Word comes from Miami that Sylvester Labrot's son, William Labrot, was finally declared winner of the Miami-Nassau ocean yacht race February 16 in his yacht "Stormy Weather" over the 184 mile course. After Labrot's death several years ago his sons disposed of his string of racing horses but continue to occupy his home at Holly Beach Farm, near Annapolis, Maryland.

Brady reports that he often sees Professor Jacoby whom all civil engineers of our class well remember as Professor Merriman's chief

Change in Policy

On the suggestion of the BULLETIN Committee, the editors are placing the vital statistics at the end of the Personals Section. They will be found beginning on page 46.

assistant. Professor Jacoby spends his winters in Washington where he owns an apartment in the cooperative establishment at Tilden Gardens. The recent honors conferred on Mr. Jacoby by the American Society of Civil Engineers have been overshadowed by the death of his wife which took place in January.

CLASS OF 1894

*Theo. G. Empie, Correspondent
P. O. Box 772, Wilmington, N. C.*

It so happens that I have heard from several of the elect this past month, of some for the nonce, nothing of others. A delightful letter from Hallock, but purely personal, except a hint that he might send another address some day.

Clarence Porter Turner, usually spoken of as "Pop" said the winter had been destructive on his plants and flowers at Highland Lakes, Florida, which I do not think there will be any difference of opinion about if we subscribe to the accuracy of the weather reports.

"Jimmie" Hughes, has been living at Linwood, N. J. for some years, but now sends in a street address: 1021 Maple Avenue, which is an equivalent of saying he has retired, if I guess correctly.

"Billie" Anderson, who has been for some years Division Manager, Peana. Power and Light Company at Hawley, Pa., a memo says has retired because of ill health and moved to 22 Wallace Street, Red Bank, N. J.

I always remember him in the pink, and I cannot imagine disease clouding his smiling urbanity.

Schopenhauer says: "With health everything is possible, without it, nothing".

Just as at our time of life we are called upon for frequent threnodies, we are also subject to more of ills that bother the flesh.

CLASS OF 1895

*Walter R. Okeson, Correspondent
Lehigh University, Bethlehem, Pa.*

As I write this on February 28 the responses to the first letter about our 45th Reunion are coming in. Prospects are bright. Slim Murray and Bob Taylor are talking about 50 men returning. However, that seems too optimistic to me. With only 70 members left in the Class of '95; with 66 of these men scattered all over the country and 4 living abroad, I would say that if 40 men return it will be a remarkable turnout. However, I must not forget that this is no ordinary class—this is '95!—and so anything is possible.

Henry Cressman writes that he has had pneumonia and is recovering slowly. Not sure that he will be able to attend the reunion but "I want to if possible". This is

Henry's 31st year as County Superintendent of Atlantic County, N. J. and he has "enjoyed every one of them".

Eddie Ferriday writes "Looking forward to our 45th reunion. Let's have a record turnout."

George Beggs writes "I'll be there in June and hope we will have the opportunity of playing that long-delayed game of golf".

Frank Baker writes "We must try and get Coleman and Jessup back." The best way is for those of us who know either man intimately to write him. I will write "Billy" and "Ab" but some of the rest of you do likewise.

I have had two letters from Slim Murray who is in South Carolina for his health. Slim will be back but he warns Eddie Ferriday that "the old pump" will not let him do any fancy stepping.

Harry Philips writes from Florida where the lucky dog is on a vacation until March 11. He will be on hand in June.

DeWitt writes from his home in Seaside, Oregon. Like Slim he has had trouble with the "old pump" and has had to give up all business activity. His health precludes any possibility of his coming East in June. He told of Arbenz' death, news of which we had already received. He writes "For several years four of us have been sending out a Round Robin letter, Arbenz, DeHuff, Bricker and myself. The last one I sent to Arbenz was returned. I later heard from DeHuff and Bricker. Now the letter goes to three".

It makes one terribly sad to think that Arbenz was here last June and helped in making plans for our forty-fifth.

Elmer Jacoby writes that after 45 years of service in the public schools of Philadelphia he had reached the state retiring age and retired last June. But the old war horse has not stopped working. He is teaching freshman Math in the State College of Optometry in Philadelphia. If health permits he will be with us in June.

Morris Llewellyn Cooke writes he "will not be in these parts when the reunion is held and therefore cannot attend. I do want to have a part in it so enclose my check. If there is a deficit at the end you know my address. If there is an option I would like to aid on drinks rather than caps. I specifically direct you not to make any expenditures out of these funds for canes". All right, Llewellyn, we will spend all of your check for drinks.

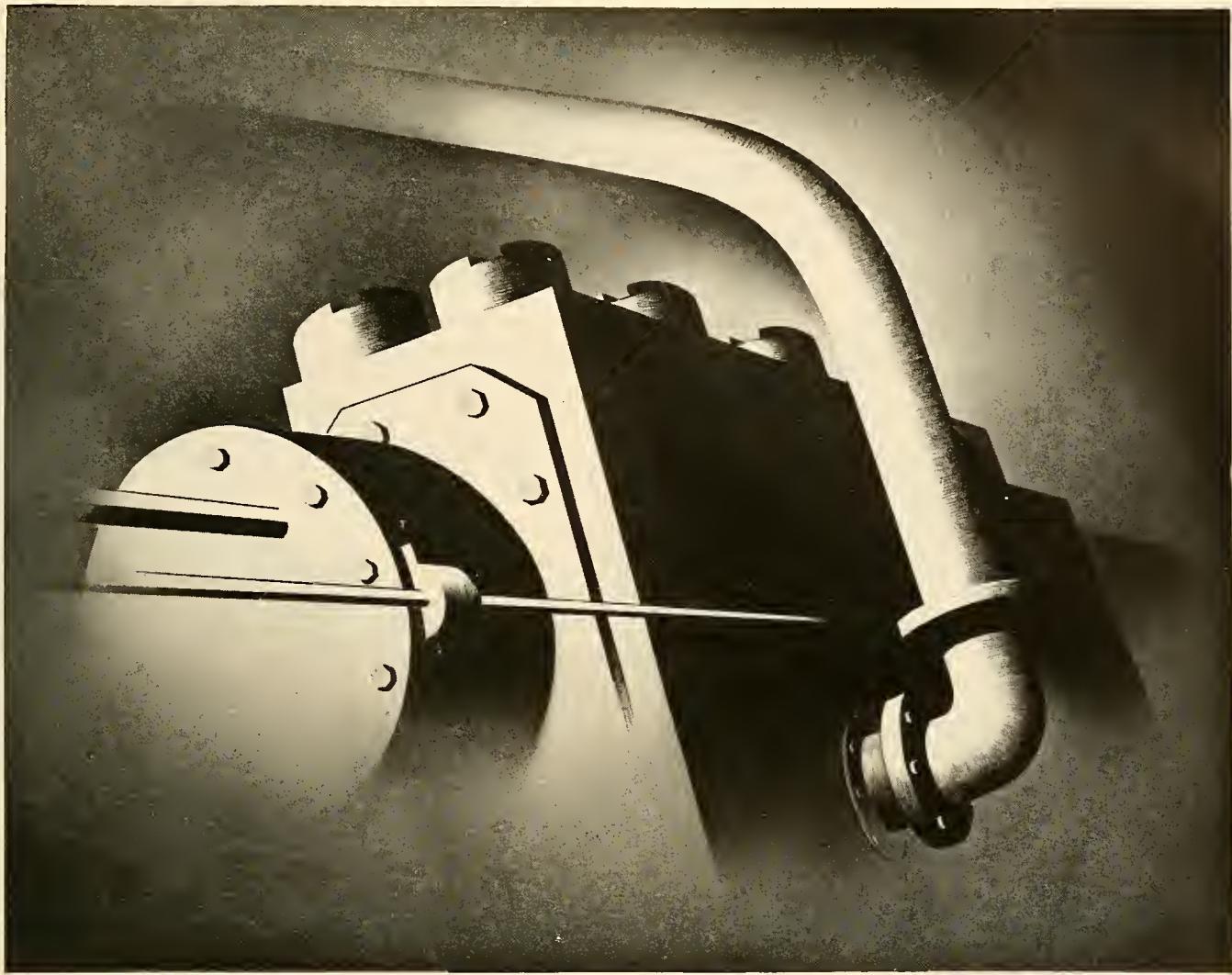
"Cal" Burgess writes that he cannot be sure at this time as to his coming to Bethlehem in June. However, I know that if it is at all possible "Cal" will be with us.

"Benay" Loeb and "Yank" Townsend have written "Bob" Taylor they will be on hand. As noted in the March BULLETIN, "Romeo" Houston will be on deck.

In the February BULLETIN the names of the Committee which will have the job of securing attendance was published. So far we have not heard from Barber, Brooks, Billie Brown, Castleman, James, Whilden and Whitmoyer. There is some excuse for Johnny Whitmoyer as he is in England but the rest of you boys should drop a note to Bob Taylor or myself saying "Sure I'll serve on the Committee. Send me my list of names and I'll get busy".

I have just been checking up and find that 50 out of 70 members live no farther away from Bethlehem than Washington, D. C., Pittsburgh, Buffalo and Hartford, Conn. This being the case perhaps Slim and Bob are not too optimistic after all. Let's split the difference between my guess and theirs and call it "45 men for our 45th reunion". That will win the Reunion Cup hands down.

Just before handing this copy to the BULLETIN editor, letters were received from C. S. Bricker and Arthur S. Holman. Both expect to be with us in June although Holman, who lives in San Francisco, does admit that while he is planning to come, "it is difficult to say definitely now".



THE TOUGHER THE BETTER

Modern materials show up to best advantage when operating conditions are really bad. It's on the mean jobs that they fully demonstrate what they can do in keeping replacement and maintenance costs down and general machine efficiency up.

Take the plungers on hot oil pumps, for example. The conditions are plenty tough — 700 degree F. temperature, 1000 pounds pressure plus abrasion and corrosion.

Yet plungers of Molybdenum iron, a comparatively

inexpensive material, are standing up in this exacting service and cutting replacement costs. The iron retains its hardness and abrasion resistance at the high temperature involved. Re-grinding and polishing to restore the finish after long periods of service is the only maintenance required.

Molybdenum irons are meeting many tough assignments. You will find our technical booklet about them helpful and informative. "Molybdenum in Cast Iron" is sent on request to any interested technical student.

PRODUCERS OF MOLYBDENUM BRIQUETTES, FERRO-MOLYBDENUM, AND CALCIUM MOLYBDATE

Climax Molybdenum Company
500 Fifth Avenue • New York City

CLASS OF 1896

W. S. Ayars, Correspondent
269 Leonia Ave., Leonia, N. J.

From Bethlehem I have the information that Bob Laramy is now "on Faculty of Moravian College and Theological Seminary". To check on this, I recently wrote Bob at what is now his permanent address: 643 North New St., Bethlehem, Pa. A few days later a reply arrived, postmarked Huntingdon, Pa.; the letter was headed Newton Hamilton, Pa., where Bob is now briefly vacationing with some old friends. He commented on his engagement with the Moravian College and Theological Seminary as follows:

"The College asked me only Feb. 1 to give a course in Secondary School Methods, and as the two weeks in the woods had already been arranged, I took the work on condition that the students might be assigned work for those two weeks . . . If you are in such straits that it need be mentioned, call it Moravian College. It sure is not in the Theological Department" . . . Further on, he says: "Sam is down in Florida. Berolie says he uses the state for golf and goes all the courses. No one knows which he plays next . . . I have many calls to speak: 29th at Emmaus, on Establishing Helpful Relations with Students, High School, March 8, Schoolmen's Week, U. of P., on Methods or Possibilities in Character Education; March 18, Pen Argyl, Pa., Womeu's Club, "Our Friends, the Birds" . . . and a grand finale: "Another grandson came January 17 at Lock Haven; four now, two boys and two girls. Life begins at 60!"

Not long ago, I received an announcement to the effect that "Mr. and Mrs. William Carter Dickerman have the honour of announcing the marriage of their daughter, Coroelia Redington, to Mr. Ernest Lee Jahncke, Jr., Saturday, the twentieth of January, Nineteen hundred and forty, All Saints' Church, Richmond, Virginia." Which, like all such announcements, always causes me to wonder why we invariably use "honour" in such cases, instead of the "honor" that we use otherwise; at least in the United States. My seven years' residence in Nova Scotia accustomed me to many such slight differences in English; the "our" ending in place of "or"; writing cheque instead of check; calling the letter Z, zed; high-laced shoes, boots; regular boots, top-boots; stores, shops, etc. However, you rarely hear English slang in Canada, and the Canadian's idea of a joke or a good story is quite the same as an American's. Mighty nice folks, Canadians; and in many respects far more democratic than Americans—at least outside of Quebec.

I had already sent the above material on to Bethlehem, when I got this note from Wilson, who is living down in Baltimore. Since there is still time, I'm going to include it in the column. He says:

"Don't drop dead with surprise at receiving a line from me. However, I fear my old classmates may get a wrong impression from the excerpt you quote from my letter to Bob. I would get a real kick over sitting down with the old gang; but going back to a town I grew up in over a period of 19 years and finding almost no familiar lairs and faces is dampening to say the least. I may break down and try it again next June. Quien sabe?"

"Bestest to you and keep up the swell job you are doing with practically no help."

Yours sincerely as always,
J. R. Wilson

It certainly looks as though a good way to get a letter out of some folks is to give them a bit of publicity that needs explanation.

CLASS OF 1897

J. H. Pennington, Correspondent
P. O. Box 159, Trenton, N. J.

A little smoke curled slowly up from off my big cigar.
The armchair was quite restful, as arm-chairs often are.
The cider mug and doughnut dish—just where my arm was bent,
And there was nothing I could wish, unless it were content.
For dreamily I gazed away, right through a falling haze,

Back to a time, long, long ago—before my Lehigh days.
I closed my eyes to better view that fairy-land of charm.
Those golden days when, free from care, I lived down on the farm.

* * *
I slowly stretched my weary frame—echo banged upon my door?
Get up! Get up! you sleepy head, it's nearly half-past four!
The night before I'd sparkling been, and reached home rather late,
Today I'd plowed the orchard lot from early morn till late.
The days went by, those happy days, so free from grief and harm,
For Satan could not find for me much mischief on the farm.
And some days it was boiling hot, on others it would rain,
But there were always jobs to do—just like an endless chain.
I picked potatoes day by day—the sun bored through my back,
I swung the knife amidst the corn until my frame did rick,
I sweated in the old hay mow, and cleared the stable floors,
And did a million other things that farm folks say are "chores".
One weary night, quite tired to death, I scrambled into bed—

* * *

And awoke, to see an angel's face on Cynthia's sable head.
She filled my cider mug again, I lit my big cigar,
And then I mused in calm content that things ore as they are.

Some day you birds will become tired of my doggerel, and send in some real news about yourselves to take its place. However, I am not worrying as long as the Muse stays on the job.

John Sheppard asserted himself recently by sending me newspaper clippings concerning a prominent lady, just arrived among John's orange and grapefruit groves, who wore a "powder blue wool dress, a string of pearls and brown sandals." Sorry I can't repeat John's comments, but if I did they would take me off the air.

John and Blondy Diven are the only people of '97 who seem to think of me nowadays, and I do appreciate their nice notes.

At this time every year, the debunkers get busy. They call George's exploit "Parson Weems' Fable". Just why the debunkers don't want us to believe the good parson, they don't reveal, nor do they offer anything better. When we reach a certain age, depending upon the intelligence which we reflect, Santa Claus debunks himself. Then we always have with us the sophisticates who debunk Shakespeare, and I would not be surprised if some bird with an oversize cranium will try to debunk Asa Packer. My greatest fear is that some genius will try to make us believe that there never was a New Deal. That would be the greatest debunking ever.

P. S. The band badly needs two more sousaphones.

CLASS OF 1898

David H. Childs, Correspondent
Camptown, Pa.

Henry Schwecke sends me word that the famous gardens near Charleston are at their best as you open this copy of the BULLETIN, and they must be well worth a trip to see them. The Middleton Gardens were started just two centuries ago, Magnolia and Cypress Gardens a little later. And as a by-product of the trip there is Charleston itself, rich in its history, and best of all there is Henry to act as guide and interpreter for any of us who can get down there.

I will be leaving Buffalo before you get this letter, so I expect to hear from you at Camptown.

Billy Wood's new address is The Ambassador, Baltimore, Md., so the Alumni office tells me, at the same time sending me notice of the death of Spencer J. Johnson. No details are given.

CLASS OF 1899

Arthur W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.

There is a complete dearth of news concerning the class and its members, and as my imagination is not running riot at the moment I cannot compose an effusion which might be entertaining even though meaningless.

About the only contribution I can make at this time is the annual announcement that class dues are now due. Three dollars, please, and send same direct to yours truly. We will start building up a fund toward the payment of our next class reunion expenses.

Since preparing the above I am in receipt of the following from Ricardo Skerrett Taudron, who now signs himself R. Skerrett, Ingeniero Civil, Hernandez 12, Santurce, Puerto Rico.

After graduation he went to Puerto Rico, his native land, where he has remained since. For twenty-one years he held a position as Civil Engineer in the insular government and in 1921 he started a new line as contractor for public works.

From 1933 to date he has worked for Federal agencies in Puerto Rico where he has held important positions. He married a Puerto Rican lady and has several children. Two of his sons are engineers and the other is a physician. One of his daughters took a B. S. degree and is now teaching chemistry. The youngest will take her B. A. next June.

Taudron is the grandfather of eight grandchildren. He always remembers his alma mater and his classmates.

CLASS OF 1906

N. G. Smith, Correspondent,
Fort Pitt Bridge Works, Pittsburgh, Pa.

As a matter of record the Class of 1906 is probably the only class in history in which a quorum of the graduation class officers may be called any time in any one American city where said officers maintain their residence. Except for a temporary absence of Charley Gilmore and family from Pittsburgh a few years ago when he held an executive position in Charlotte, N. C., Stepper Gott as Class President could—and has—when circumstances warranted it, call Charley as Class Secretary and your correspondent (who took your money) to talk things over and plan something of Class interest. This has been true since 1906—and next year is our 35th.

There has recently been another parallel. Although yours truly has been fortunately blessed in his home life with three children—and all boys—Charley and Step have had to concentrate their paternal pride and affection on a single Prince and Princess, respectively.

Quite recently—happy to say—there have been three domestic events which have added a son-in-law and two daughters-in-law in all three homes—as follows, in the order of their occurrence:

In New Castle, Pa. on Sept. 22 at the home of the bride's parents occurred the marriage of Miss Margaret Braden to Mr. Gerald Smith of Pittsburgh. They now reside in Bellevue, a suburb of Pittsburgh.

In Sewickley, Pa. on Saturday, the third of February at half after four o'clock, Miss Frances Pinkney Gott became the bride of Mr. John Kennedy Raberts at a beautiful ceremony in Saint Stephen's Episcopal Church. They will reside in Pittsburgh.

One week later, Saturday, Feb. 10, at 5:30 in the afternoon, our own Charley and Mrs. Gilmore were in Atlanta, Georgia to welcome a daughter, Miss Rossie Boykin Voight who became the bride of Charles, Jr. in the Saint Luke's Episcopal Church. Like his Dad and L. U. uncles and cousins, Charles, Jr. fell for journalism, and was graduated in 1938 from the University of North Carolina, and is now a member of the editorial staff of the Atlanta Constitution.

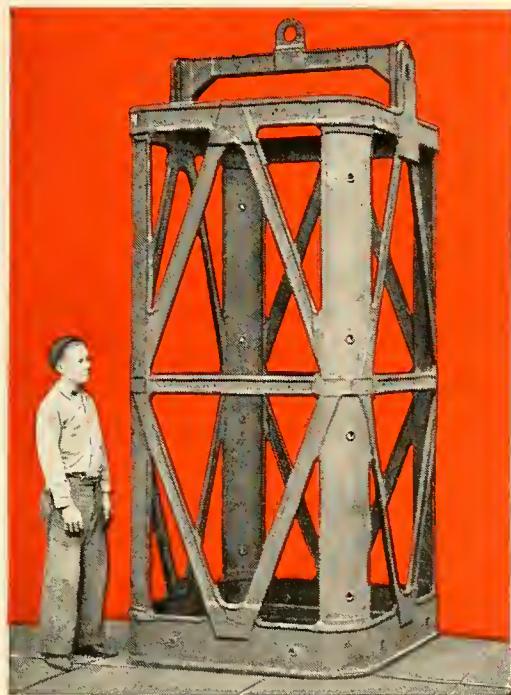
The BULLETIN office has just advised your correspondent of the passing of Walter Benedict, details of which you'll probably find in another column.

Quiet, unassuming, "W. C." made good at Lehigh and in a big way following his graduation—successively in construction of the New York State Barge Canal, in Engineering

MANHATTAN

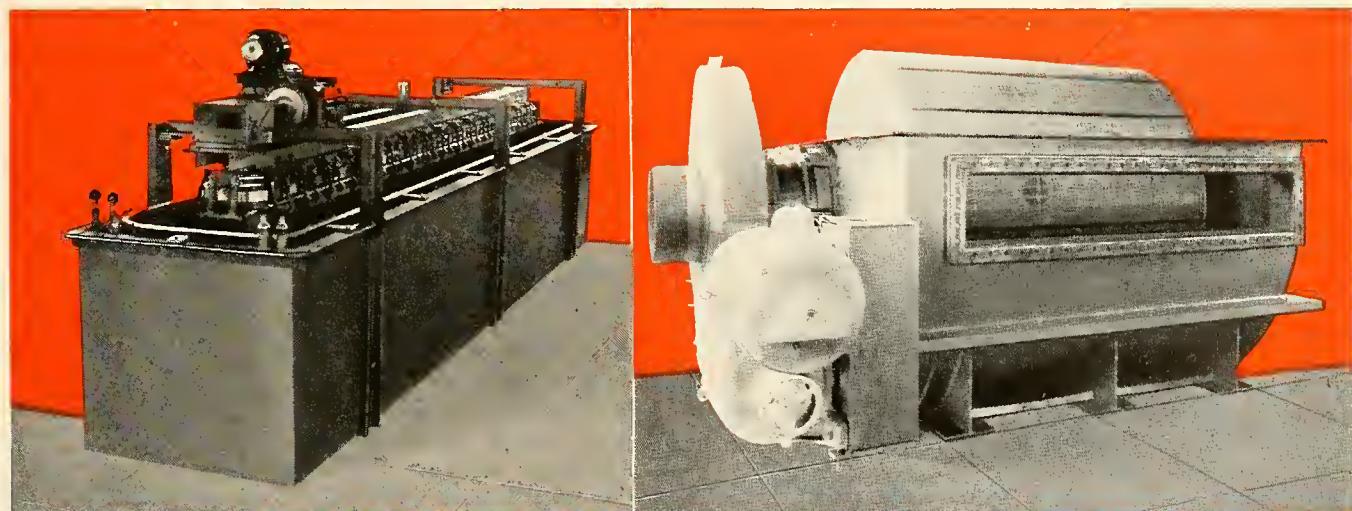
RUBBER LININGS and COVERINGS

Protection from Corrosion and Contamination



Above: Giant rubber covered processing cage used by a prominent chemical company.

Below: Left—Manhattan rubber-lined plating tank. Right: Large filter drum, rubber-lined to resist corrosive action of solution.



Wherever acids or caustics are used in metal finishing, in steel mills or chemical plants, the specially compounded and scientifically applied Manhattan rubber coverings give lasting protection to the equipment—whether for storing, shipping or handling.

Resilient, inseparably bonded to the metal, Manhattan Rubber Linings and Coverings provide a protective layer that expands and contracts with the metal, withstands abrasion and the shocks and blows of usage.

Manhattan Rubber Coverings and Linings are used on tanks, filters, agitators, troughs, exhaust fans and ducts, dipping cages, vacuum crystallizers, pipe, fittings, valves and many other pieces of equipment—even swimming pools.

Consult our Tank Department. Forty-six years of experience are at your command.

Condor
PRODUCTS

Conveyor and
Elevator Belt
Transmission Belt
V-Belt
Air Hose
Contractors Hose
Fire Hose
Hydraulic Hose

Oil and Gasoline Hose
Sand Blast Hose
Steam Hose
Suction Hose
Water Hose
Chute Lining
Launder Lining

Industrial Brake Blocks
and Lining
Molded Rubber Goods
Rubber Lined Tanks
Rubber Covered Rolls

Abrasive Wheels
Bowling Balls



THE MANHATTAN RUBBER MFG. DIVISION
OF RAYBESTOS-MANHATTAN, INC.
EXECUTIVE OFFICES AND FACTORIES

36 Townsend St., Passaic, N. J.

WM. WARR, '95

work for the New York State Dredging Corporation, the Empire Engineering Co., and as President of the Twin City Construction Corp., which completed many contracts on railroad construction, grade crossing elimination, sewer and water lines, sewage and water lines, sewage disposal plants, state highway work, municipal jobs, etc., followed by the last eleven years of his life in the service of the New York State Public Service Commission.

In this position of Principal Grade Separation Engineer, he conducted many hearings throughout the state in the campaign to eliminate dangerous crossings, and the selection of the proper plan to accomplish each necessary elimination.

And that isn't all,—and herein we pay our friend and classmate our finest tribute.

In these days when half the world is throwing the fruits of two thousand years of learning and culture out the window, and the ills of our own fair land can be traced 100% to the crime of neglecting the spiritual—well, our departed friend didn't see it that way.

Blessed with a wife and two sons and a daughter "W. C." clung to the Faith of his fathers, and for many years was an elder of the Madison Avenue Presbyterian Church of Albany. The Class of 1906 will miss him him next year at our 35th.

CLASS OF 1908

W. D. Sanderson, Correspondent
Box 175, Pittsford, N. Y.

This letter will have to take the place of a picture post-card to each of you. It's cheaper this way and besides the picture cards, no matter how good, could not do justice to the trip. I'm writing this at the outset of a 10,000 mile jaunt which will pretty much cover all the country west of here. There will be a chance to contact some of our classmates for the first time in 32 years, so I'm looking forward to some of these experiences with keen anticipation.

Next June I'll bring along to the 32nd reunion a little scrapbook with some mementoes of the trip, including a few snap-shots of the more elusive members of the class, who have to be tracked down in their home grounds.

Hope I'll find a lot of answers to that letter about 1908 "Gifts to Lehigh" when I return.

Cheerio.

CLASS OF 1909

P. B. Fraim, Guest Correspondent
38 Livingston St., Apt. 41, Brooklyn, N. Y.

In order to carry out my assignment as guest correspondent for the April BULLETIN I sent return postals to each of the 126 members of the class whose addresses were known. To date, March 2, I have received 34 replies. I told them I was still tall, somewhat gray haired, (what there was of it), fat (can you imagine it), and still single. If this article sounds like a record of the vital statistics of the Class of 1909 it is because many of my class-mates seemed to try to shame me by confessing to being married once or twice and gave me the names and ages of their children.

"Fritz" Agthe only confesses to doing business at the old stand in Milwaukee.

"Jim" Aubrey admits he is still in the advertisement racket and working hard in Chicago.

"Cope" Callen tells me that The Brighton is no more. All that remains is a hole in the ground with some forms set for the foundation of the new Bell Telephone Building. The shrine of ancient bazing parties is no more.

"Les" Carrier tells me he has been with "Industrial" for 16 years, the last 3 having been spent in Covington, Va. He admits walking down the "center aisle" for the second time last October and says he has a son, 28, who followed in his father's footsteps last April.

Raymond Oliver and his "missus" have just returned from a month's visit in Baton Rouge, La., with their son Gordon, L. U. '34. The remainder of the Oliver family consists of a son Kenneth and a daughter Ruth who will graduate from Keuka College in June.

Ray, who is in charge of Metal Cyanides, and his two sons work for du Ponts.

James Conklin reports from Florida they have been having the coldest weather in his 20 years of "Crackerhood". He remains a booster however for he claims they have sunshine every day and invites class-mates to come to see him in Orlando. Conklin has a son in college.

Ross Corbin has pushed his mining into the background and is digging into finance, making cost calculations of small loan industry in New York State, organizing material for re-drafting Uniform Small Loan Law and establishing costs basis for use by attorneys for defense in anti-trust case. In pursuit of one of his hobbies he has reconstructed his racing canoe.

"Tom" Coyle is with the du Pont Company at Wilmington and is heading up the Chlorine Products Sales Division. Tom boasts of a married daughter and a grand daughter two and one half years old. He tells me he has a copy of the original constitution and by-laws of the class with all your signatures attached and he promises to produce it at our next get-together.

William Ellis tells me that on February first he completed 30 years of service with the Phoenix Bridge Company and with the exception of a few months the entire time has been spent in the Erection Department. Bill has a daughter in Pierce School, one son, a senior in High School, and a second son in the Sixth Grade. Ellis is a member of the School Board.

"Cy" Field, who still remembers the reign of Queen Lil and King George of Commons fame, is a consulting engineer in Buffalo. He reports that he is intensely married having four children, one boy and three girls. One daughter is a librarian, another a student at Syracuse and the remainder in High School.

Floyd Flory is Principal of the Myrtle Avenue Junior High School of Irvington, New Jersey. He finds time to co-manage, with his brother, three farms near Nazareth. They specialize in Golden Guernsey, Holstein, and Brown Swiss cows and serve Easton and Pen Argyl with bottled milk.

Harold Harvey gives us two new addresses, office 38 Park Row, New York City and home 898 West End Avenue, New York City. He is at present doing Industrial Consulting and Factory Relocation work. His two children are Irwin, who graduated from Lehigh with B. S. in E. E. in '38 and a daughter, Beryl, a junior at New York University in the School of Retailing.

Lloyd Hess says he is still very much interested in Lehigh as his son, Dick, will graduate as a Metallurgical Engineer in June. His daughter, Genevieve, attended Moravian. (Fem Sem to you).

Alfred Garrison who has been interested in office building management in San Francisco for the past thirteen years says he sees "Ernie" Mervine and "Bill" Duncan once in awhile. Garry tells me he held out against marriage for 13 years after he finished school but finally capitulated and now has a daughter who will enter the University of California in September. Keep your weather eye looking for Al for he hopes to come east at commencement time this year.

"Henry" Maddock pleads guilty of being with New Jersey Zinc Company at Paimerton since 1912 and feels he does not know anything to tell us about himself that we do not already know. However he tells me of a son who is at present attending Gettysburg College.

Alexander J. McMurtrie says he is still hale and hearty, plugging away every day in his chosen field, Water Works Engineering, in the Pittsburgh area. Mac reports still having his share of fun and happiness and is glad to be alive in spite of the Democrats, the war in Europe and the tough winter. Not much doubt about his politics? Eh what!

Ernest Mervine writes from Ft. Collins, Colorado that he has been working with farm machinery ever since 1909. At first he was with an implement manufacturer, then spent some time teaching at Iowa State College and for the last nine years he has been interested in the development of sugar beet machinery. "Ernie" is very modest about his work but "Al" Garrison said it was well worth

while. Mervine is another westerner who hopes to get to the eastern seacoast next June so be on the lookout for him.

Carl Mitman is very much interested in the Department of Engineering and Industries of the Smithsonian Institute in Washington. Why shouldn't he be for he is head of that department and is doing an excellent job I learned from one of his colleagues. In addition to his work in this department he has represented the Smithsonian at all of the World's Fairs since 1926. Carl is not only the proud father of two daughters but is also a grandfather and enjoys being the step-father of a daughter, a junior in Wheaton College, Norton, Mass. and two sons one a freshman in Yale and the other attending University School in Cleveland. Carl's hobbies include rock-gardening and doing over furniture. He extends a cordial invitation to all his class-mates to stop in and see him when you visit the Smithsonian Institute.

For the first six years out of college Reed Morris tells me he seemed to be a rolling stone. Two years teaching athletics at a Penna. Teachers College, two years on the Canal in Panama, and two years with Carnegie Steel at the Duquesne Plant totals the six years. Since 1915 Reed has been with the Koppers Company and for the past ten years he has been Vice President in charge of the Seaboard Division of Koppers Company. Reed lives in Orange with his wife and two daughters. His recreation is golf and figure skating, being a member of the New York Figure Skating Club as well as a non-resident member of Pine Valley. As a member of the Union League Club his political views are tagged.

Since January 18, 1940 we have had a railroad president among our number. It is none other than Dave Petty who is President of the Seven Subsidiary Railroads of the Bethlehem Steel Corporation. "Where you worka Dave?" It seems that the terminal roads are located at Cornwall, Pa., Buffalo, N. Y., Fore River, Mass., Steelton, Pa., Johnstown, Pa., Sparrows Point, Md. and Bethlehem, Pa.

From Nazareth comes the word that Harry Reichenbach is trying to keep the pot boiling by manufacturing cement. A son, Jack, who graduated from Penn State in '33 is married and has a son, Jack Jr. Harry hopes to have him enter Lehigh in 1957. The Reichenbachs also have a daughter, Jean, who is a graduate of Cedar Crest College and a son Harry, Jr. who is a freshman at Lehigh. Although busy Harry finds time to fish, motor and just loaf.

Clyde Shank claims his chief personal trait is a forehead starting at his eyebrows and finishing an inch above the back of his collar. He lists his occupation as General Plant Engineer of the Bell Telephone Co. of Penna. Clyde's major accomplishments are W. H. Shank, Lehigh '37 and Betty Shank, Conn. College, '43.

Another member of a School Board, of which he is secretary, labels John Shultz who is in the insurance business in Washington Boro, Pa. Besides a daughter, Josephine, who is being married to-day, March 2, Shultz has two sons, John J. Jr., a cadet at West Point and James Richard, a junior and an A student, John says, at Columbia High School.

From California comes a brief statement of Alex Small's activities since graduation. The first year was spent with the Dravo Contracting Company in Pittsburgh on Catskill Aqueduct, pivot pier and abutment work on the Grand Trunk Railroad. Alex spent the next two years in the Testing Room of the De Laval Steam Turbine Co. in Trenton, N. J. Then followed 15 years in China in Building Construction work, with one year out for work in the Architectural Division of Mass. Inst. of Tech. Since then he has been designing engineer for heating, ventilating, plumbing and other mechanical problems for the city of Los Angeles. Alex has patented a device which if applied to engine whistles would save 67% of the whistle steam. President Petty and Chief Engineer Young take note.

Chester H. Struble is managing editor for the Elizabeth Towne Publishing Company of Holyoke, Mass. He tells me his two boys were girls so he could not send them to Lehigh. His pattern seems to be similar to a number of the class in that he is a grand-

He Stubbed His Toe... and Found Black Gold!

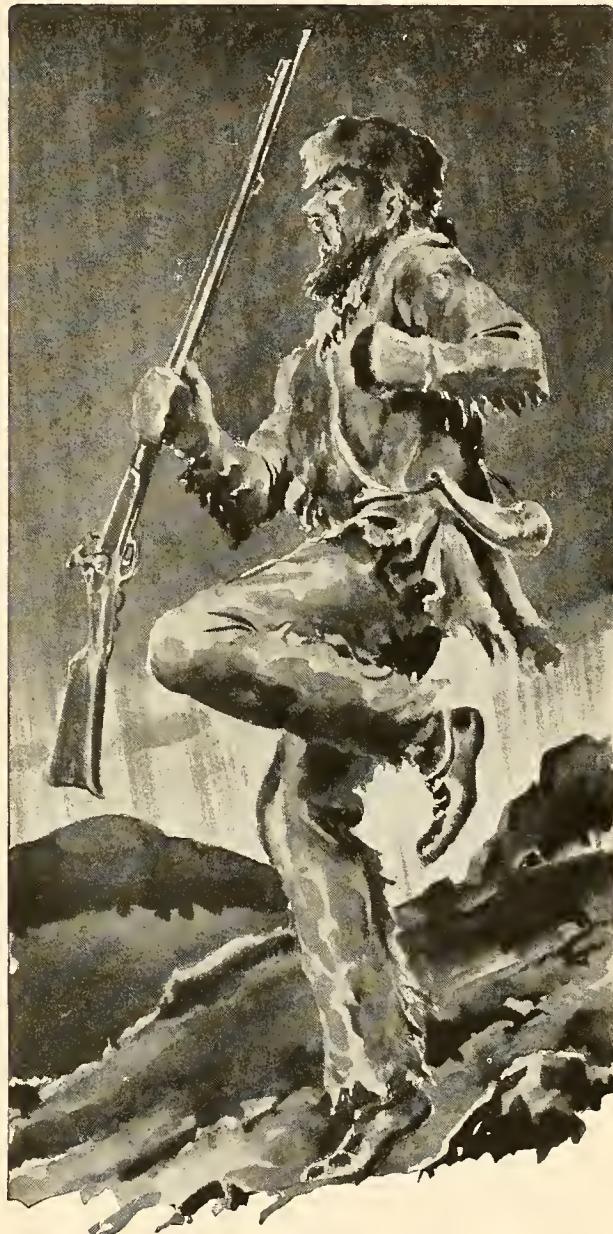
No modern engineer or executive, racking his brain to solve some difficult problem, was ever more perplexed than backwoodsman Philip Ginter on a rainy evening in 1791. As Ginter trudged through barren country near the Mauch Chunk mountain, his steps dragged and he pondered on a discouraging picture of the future. For he was returning empty handed from a hunting trip—to a cabin in which there was no food. No man, he was convinced, had ever been less fortunate than he.

Crossing the Mauch Chunk mountain, Ginter stubbed his toe against a small stone. There was nothing unusual about that. Loose fragments of rock were strewn plentifully on the mountain. But Ginter thought that this particular stone looked queer. For one thing, it was jet black. Deciding to show it to his good friend, Colonel Jacob Weiss of Fort Allen (now Weissport), Ginter slipped it into his pocket.

The curiosity of Colonel Weiss was aroused. He took it to Philadelphia and showed it to Charles Cist, among others. Cist, a printer and a well informed man, carefully studied the odd stone. Then he made an amazing pronouncement.

Philip Ginter, the "unlucky" hunter, had literally stumbled on the discovery of anthracite coal!

The step that drove Ginter's foot against his "black stone" was the first step in the development of one of the world's most important industries. Today, the world's hardest hard coal and your surest source of steady heat—Old Company's Anthracite—is mined not far from the spot where discouraged Philip Ginter stubbed his toe.



LEHIGH NAVIGATION COAL COMPANY INCORPORATED

The Old Company



**Main Office:
1421 CHESTNUT STREET
PHILADELPHIA, PA.**

father and likes his golf. Chester says he did not take up golf until he was 32 and now he is "just a blame fool" over it, having won the Mount Tom Golf Club Championship four times, best handicap four, now ten and not enough. Looks like a challenge to some of you golfers.

R. Hamilton Torrey reports he is still with the Riegel Paper Company in New York, being a commuter from Babylon, Long Island. "Ham" has one son in Prep School this year who will probably register at Lehigh next fall.

Herbert H. Thompson a graduate of Georgetown University, classes himself as Ex. '09, is a Patent Attorney and Secretary of the Sperry Gyroscope Company, Manhattan Bridge Plaza, Brooklyn. His family consists of three daughters and one son. Herbert claims Mountain Lakes as his residence.

The Texas Company Office in New York houses A. L. Willgoose by day and he joins the other commuters to Bogota, New Jersey in the late afternoon, and spends the remainder of the day with his wife and daughter. I also received replies from Ed. Boyer, G. C. Hall, Dick Wahl and Sam R. Young but Slick Wharton filed his request first so they had nothing to add. Sam however told me that Gurney Dayette had just been appointed Assistant Bridge Engineer for the Baltimore and Ohio Railroad. Any "naught niners" travelling through Ocean City, New Jersey this summer will find, particularly over week ends, quite a settlement of their class mates and Lehigh men at the southern end of the island, that is south of 52nd Street. Cope Callen, Ed. Mills, Parke Fraim, and Koplin of naught nine and Arthur Callen, Cope's brother will act as a welcoming committee.

CLASS OF 1910

*M. L. Jacobs, Correspondent,
837 Tioga Ave., Bethlehem, Pa.*

30 YEAR REUNION, JUNE 7, 8, 1940

A note, on a letter from Eddie Killough, advises me that Bechhoefer is with the U. S. Engineers Office at Beardstown, Illinois on flood control work.

Another letter from Eddie Killough advises me that on February 10th, Sammy May passed away. He had been in the contracting business, in Baltimore, for a number of years as a member of the firm of Erhardt & May, which specialized in foundation and grading work. He had been in excellent health until the day of his death, and succumbed to a heart attack. This is certainly sad news for all of us.

At a meeting of the Maryland Lehigh Club, at the Engineers Club in Baltimore, in December, Bruce Wills, Brad Waltz, Eddie Killough and Sammy May represented 1910. I hope that those who are left of the group will join us here in June.

I reported in the last BULLETIN that I had heard that A. D. Bryant had returned from Peru, where he worked for some time for the Cerro de Pasco Copper Corp.; and am advised that his address is in care of the above company at 45 Wall Street, New York City.

I would like to draw your attention to the Student Grant Fund, which is worthy of your consideration. The idea of this Fund is to have every possible alumnus of Lehigh contribute something to a fund which will be used for helping worthy boys through Lehigh. This Fund is a little different from the ordinary scholarship fund, in that the participants in its benefits will require some other characteristics than just scholarship. In other words, a "greasy grind" must also have evidence of ability to become a leader in sports and life, generally, to participate in the benefits of this Fund. If everybody participates, the results will be satisfactory to all, I am sure. I think you have had plenty information on this subject from the Alumni Association; but, in case you have questions, please ask me.

Letters are coming in from various members of the Class, indicating their intention to attend the Reunion in June. It looks now as though we are going to have a good turnout, and I trust everyone who sees these lines is planning to be here. I know we will have a good time, and the more who are here, the better the time will be.

DON'T FORGET 30TH REUNION — JUNE 7-8-9.

CLASS OF 1911

*A. P. Spooner, Correspondent
1811 Sycamore Street, Bethlehem, Pa.*

Walter Schall helps swell the column with the following breezes from Chicago:

"D. M. Flick was promoted from Gen. Supt. to Gen. Mgr. of Armour & Company 31st St. Auxiliaries. He has been with Armour for many years, advancing from Soap Works Supt. to his present position. His last advancement came when Mr. G. Eastwood was promoted to Executive Vice President and since then became President of Armour & Company. Dan spends most of his summer week-ends at his Michigan farms.

"Last June our Chicago Lehigh Club held a golf tournament and dinner at which "Tex" Black made his appearance. He is Asst. Supt. of the East Chicago plant of Youngstown Sheet & Tube Company. He looks the picture of health and hasn't changed a bit.

"C. C. Walters is Sales Manager and Metallurgist of the Acme Aluminum Foundry Company, 6831-45 So. Bell Ave., Chicago, Ill., and lives across the street from "Dan" Flick, at 7305 Paxton Avenue.

"I am still in the Engineering Dept. of Armour's 31st St. Auxiliaries and keep pretty busy, spending some time at golf in the summer and at bowling during the winter months."

Thanks, Walter, and by the way Walter's address is 2234 So. Kirkland Avenue, Chicago.

Now, a word about our 29th year reunion this coming June, that yours truly passed along in the form of a letter at "Bees" Kempsmith's suggestion. "Cliff" Lincoln wrote to me to count on him and "Don" Lowry and "Bill" Fairhurst both told me they were coming—but the payoff is "Gal's" Pillars of Wisdom which he compiled as follows:

"Dear Al:

"Your voluminous epistle certainly warrants and deserves a reply, which I'll attempt to get off without further delay.

"I haven't quite gotten all this business about the Alumni Plan through my thick skull, but I suspect that it bears a strong relationship to the ancient and honorable wheeze about the Englishman who twitted a Scot on the fact that oat-meal was food for men in Scotland and for horses in England. Whereupon MacTavish replied that England was noted for its horses while Scotland was noted for its men. Maybe I'm wrong, but they used to tell us that Lehigh was noted for its Engineers, etc. Very little mention of All-Americans, etc.

"I'm all for having some sort of a 29th reunion this June. As you stated in your letter, I'll be there for Commencement, and would relish a chance to foregather with some of the old gang again. I wrote Joe Dawson a long screed lately, in response to a letter from him (written at your instigation) and all in all I'm getting quite in the mood. So, let's go!

"Through a little detective work, I learn that Johnny Hamp. Slate is located at 31 Nassau Street, New York City. Listed in the Phone Book as "h" which might mean a lot of things but I suspect "Broker" is the accepted interpretation. There is also a listing at 541 W. 123rd St., which sounds like a residence address.

"I dug up a few old photographs and sent them up to the 1940 Epitome Board, as they plan to have a small "Historical Section." My God, Al, can you imagine that? These kids think we are History! At any rate, I'm wondering if you could persuade the ALUMNI BULLETIN gang to run the enclosed as a 2-column cut with some such caption as: "Remember?" This was Summer School at or near the Old Brewery, now all fixed up and known as Price Hall. I'm also enclosing a negative of our famous two miler. I'll bet he couldn't run two miles in 10 days now, let alone 10 minutes.

"See you in June,
Cordially,
"GAL"

I have word from Billy Cornelius that 1911 contributions, dues and BULLETIN subscriptions have increased over the last month. No use saying much here since all of you are BULLETIN subscribers, but we are going to ask a few of the fellows to help out.

"Joe" Dawson moved to 922 Lafayette St., Niagara Falls, N. Y. and writes that the name of the street will not in the least diminish his Lehigh interest.

CLASS OF 1912

Frank S. Lubrecht, Correspondent

310 Hazleton Natl. Bank Bldg., Hazleton, Pa.

News of 1912 seems rather scarce but the following items were brought to the attention of your correspondent.

Franklin W. Youry, C. E. — for many years Engineer in charge of sales for Truscon Steel Co., New York, has recently become affiliated with Carnegie-Illinois Steel Corp.—District Sales Office, 71 Broadway, New York City.

The December 31st issue of the *Williamsport Grit* carried headlines and photographs of John E. Person, '12, who received the "Grits" 1939 award for Community Service. The merit certificate received by Person states: "For his broad vision, inspirational counsel, and vigorous support over many years in religious, civic, welfare and educational betterment of Williamsport and its citizens." John Person left Lehigh in 1910 and resumed reporting for the *Williamsport Sun* and has held the positions of Reporter, City Editor, Editor, General Manager, and now President and General Manager, throughout the growth of the *Williamsport Sun* and its merger with the *Gazette* and *Bulletin* to form the *Sun Gazette Publishing Company*. Person is acclaimed as a leader and the most influential and outstanding citizen of Williamsport, hence the merit award for 1939. The article also says "He has long been a leading figure in public life of this city, necessarily so by the nature and scope of his interests. The range of his civic, welfare, philanthropic and religious activities is greater perhaps than that of any other resident of Williamsport. For years he has been a leader of men, resourceful in time of trouble, dependable in time of need, wise of counsel and generous in giving of time and self. If these were not enough he is also a sincere humanitarian, a staunch churchman, a 100 per cent American. And with it all he is a real optimist." The article ends with "John E. Person is a mighty force for good in this community".

Person married Lenna Mae Braddock, on August 19, 1914 and they live at 856 Louise St. in Williamsport. They have four children — Mary, Helen, John Elmer Jr. and Nancy Jane. Congratulations—why not send John E. Jr. to Lehigh?

CLASS OF 1913

E. F. Weaver, Correspondent

Cedar & Buttonwood Sts., Hazleton, Pa.

Just arrived in Miami and was I glad to get out of the snow and slush in Pennsylvania. Yes sir, all the way down here by auto I kept my eyes on the lookout for Chief Lamb and his trailer, but no luck. Guess he must be out West somewhere or hiding behind a Royal Palm, if he's down here, because I haven't seen him. Who knows where this rover is? If you will let me know, I'll surely have some news for next month.

Now then, speaking of news—Sunnie Edwards never fails to provide me with some real dope but last month his script reached me too late to have it included. He started out with the story of Sid Williams' swell new job with "Copperweld" but fortunately that story did make the column because I had already received the good news from two other sources. However, I'll quote the rest of his letter verbatim which ran as follows:

"I met Pat Seguine while enroute between Chicago and Harrisburg last week. Pat is looking fine, breezy as ever and appears to be getting his teeth into things. Ran into Garrett Linderman at Bethlehem last week. Garry looks exactly the same, not a gray hair on his head and only a slight increase in avoirdupois. His address is 1004 The Terrace, Hagerstown, Md. A letter from Ramon Camba, whose home address is Miguel Blanco No. 360, Guadalajara, Mexico, informs me that he has a strike on his hands. Communism, bolshevism and other forms of cockeyed isms are blamed for the difficulties. I very much enjoy Camba's letters, partly due to the quaintness of the language used and which is the result of his many years out of the states. Guadalajara is some hundreds of miles southwest of Mexico City."

Well, 13ers did you read that letter from C. L. T. (three guesses—what's his last name)

*You'll profit
by seeing and reading what others are doing
with Link-Belt Conveying Machinery*



A NEW
BOOK by
LINK-BELT
for Men
in Industry

● Here's a new angle on the subject of production with modern materials handling machinery. This book is sure to give you some new thoughts and ideas for your own business. You'll be glad to read it—and study the 156 illustrations it contains. Send for your copy—now! Return the coupon



LINK-BELT COMPANY

Chicago, 300 W. Pershing Road
Indianapolis, 220 S. Belmont Avenue
Philadelphia, 2045 W. Hunting Park Avenue
Atlanta, 1116 Murphy Ave., S.W.
San Francisco, 400 Paul Avenue
Toronto, Eastern Ave. and Leslie St.
Offices in Principal Cities

Please send me a copy of Conveyor Book No. 1700.

Name.....

Firm.....

Address.....

City..... State.....

written in his valiant effort to drum up Student Grant contributions? If you read it or even if you didn't, you surely can fill out the little slip and get on the bandwagon for a "better Lehigh team".

Now then, speaking in terms of dollars, why not pay up your BULLETIN subscription? I understand there's still room for some improvement. Let's go.

The Alumni Office has received the following new address:

G. S. Simpson, 30 N. Gladstone Ave., Margate, N. J.

P. S.—Before you read this column, my vacation in the South will be over and I'll be back in Pennsylvania so that you can safely continue to send your news items to me at the same old address appearing at the head of this column.

CLASS OF 1914

Walter Schremppel, Correspondent
Artificial Ice Co., Bethlehem, Pa.

After an absence of two issues we again take pen in hand to squeeze out a column of 1914 doings from a complete vacuum of news. It was the full intent of your scribe to cease firing but on checking with the Alumni office we were amazed to learn that thirty-five or more of this Class are subscribing to the BULLETIN. While the numerous number makes it all the more mysterious why there ain't no news yet such a large reading audience demands that the column continue to cater to its public.

By the time you are scanning this sheet you will probably have received a letter explaining the efforts of the Class Agents in their drive to get more Lehigh men financially interested in supporting the various activities of the Alumni Association as well as the University. If you make yourself responsible for elaborating these efforts among those of the Class who are in your locality it will assist greatly in making a success of the drive.

After such a successful reunion last June there is no reason at all why many of you within easy traveling distance of the campus should not come back this June. We can have the same good time Friday night and enjoy the festivities on Saturday. A dozen or more of us could have one swell every-year-reunion. Let's try it this June. The column will furnish the beer, pretzels and cheese—you will account for your presence and good fellowship. Ground rent free!

Scotty Graham's crash into the news proves again that 1914 has what it takes. Congratulations Scotty on your achievements—our best wishes for your continued success.

And so until next month!

CLASS OF 1915

A. V. Bodine, Correspondent,
317 Mountain Grove St., Bridgeport, Conn.

25 YEAR REUNION, JUNE 7, 8, 1940

First returns for the attendance to our Twenty-Fifth Reunion in June have been received and at this writing we can report eleven men who have said "yes". They are as follows: Blank, Bodine, Brown, Crichton, Geyer, Humphrey, Laird, Stickel, Tanner, Wickersham and Wright. The only negative response we have had so far comes from Pinkey Cranmer who operates an orange grove down in Florida and he writes me that everything that he had to sell this year was frozen up and along with it his chances of attending our Twenty-Fifth Year Reunion. Here's hoping that Pinkey will find a truck load of

oranges coming North and he can hitch hike his way back to Bethlehem to be with us anyway.

Cy Tanner writes me from Pittsburgh that the boys were so startled to learn in 1935 of the birth of "Chubby" Charles that two years later they were reluctant to announce the birth of Ann so I am making that announcement for Cy and Cy wants me to particularly extend "a most seductively cordial invitation to Bill Stickel that he be present at the Twenty-Fifth Year Reunion". I have Bill's acceptance of the summons to be there and so here's hoping that everybody will be happy.

Bert Blank wrote me under date of January 29 and enclosed a copy of the obituary notice of Cecil N. Uhl and I am sure the news of Cecil's death will come as a shock to most of us.

Now I am reasonably confident that a lot of you fellows haven't written who really expect to be at this Twenty-Fifth Year Reunion and it would be helpful if you would drop us a line and give us some little idea whether you will or will not be there.

The Alumni office reports to me that C. L. Butler can be reached during the business day at 320 Budd Street, Philadelphia, Pa., and that his residence is 6111 Cedar Avenue, Merchantville, N. J. Pat Keyes is Administrator for Delaware of the National Youth Administration.

We have had mail returned from A. F. Ennis whose old address was Casa de Anza, Riverside, California. If anyone hears from Ennis will you kindly let us know his new address.

CLASS OF 1916

H. D. Keiser, Correspondent
6405 Maple Ave., Chevy Chase, Md.

This month we start the "colyum" with a reminder relative to the plea that each of you received recently from Morrie Stoudt, our newly appointed Class Agent and prospective host at a Dutch clambake in June, 1941, during our 25th Reunion. Morrie believes, you will recall from his announcement, that the record of the Class can be substantially improved as far as payments to the Alumni Fund are concerned, and I doubt that any of us will disagree with him on that. He asks that, at least, you let him hear from you, and adds, "Don't be ashamed to write." So, this time, instead of writing the Class Correspondent, write Morrie. Your letter to him and any contribution that you can make to boost our record will be the best possible kind of support for the Class and Lehigh.

A letter from Herb Knox shows him to be doing business at the old stand, 415 Lexington Ave., New York City, under the name of Knox, Inc. A daughter, Mary Jane, is a freshman at New Jersey College, New Brunswick, N. J., where she is majoring in journalism and advertising. The two boys, Herb, III, and Cook, are outstanding athletes at Edgewood School, in Greenwich, Conn., and will soon be on their way to college. This spring the boys and dad plan to make a tour of the Eastern universities to give them the once over.

Along about the time a 25th Reunion rolls around, copious gray hair or a bald pate, not to mention dental plates and excess weight, seems to be the lot of the average member of 1916. But there are exceptions. In his letter, Herb Knox writes as follows about one of our number who is apparently doing admirably well against the ravages of the years:

"Johnny Baush comes over to New York City every so often and calls me up, but unfort-

unately I am usually out and we don't connect. He looks just the same—all his hair and everything—ain't right."

Fred Shay, who is probably the holder of the class record for the greatest number of air-miles flown by any member of the Class, was recently in New York City at his headquarters: Room 2663, 30 Rockefeller Plaza. Fred is technical advisor to the West India Oil Company, and in that capacity spends most of each year in looking after the company's interests in the West Indies and Central and South America. So far, Fred has been loathe to open up about his travels during the current war, but we have hopes that some interesting eye-witnessed account of his may find its way into the column one of these days.

Garges, who was formerly with the Metropolitan Housing Project in New York City, one of the many government-sponsored construction enterprises of the last few years, is off the tax-supported payrolls of the country and now a sales engineer with Wickwire Spencer Steel Company, at 500 Fifth Avenue, New York City.

The textile firm of Shields & Neubert was dissolved several months ago, and Jim has taken over the directorship of the rayon division of J. P. Stevens & Co., 1410 Broadway, New York City.

CLASS OF 1918

W. P. Spear, Correspondent
60 Pearl St., Hartford, Conn.

Some weeks ago I received a letter from Buck in which he asked if I would handle the '18 column for February. The stock market being what it is and what it has been for some time past I concluded that I might as well be doing Buck's bidding as sitting and "twiddling" my thumbs so I dispatched letters to Fred Gilroy in Boston, Whitey Lewis in Pasadena, California, Bill Oswald in Cumberland, Md., Henry Shepard in Shepardstown, West Virginia, and to C. C. Woo in Nanking, China and C. C. Lu in Hongkong, China.

For some reason or other most of this gang let me down and when I came to add up the score of "ins" I found that Fred Gilroy and Henry Shepard were the only ones who came through with a reply. In the case of the last two I thought a little dope on the goings on in China would be interesting but maybe the Japs decided differently and probably Lu and Woo will never know that we wanted a word from them.

"Shep" writes that he is running the farm down in Shepardstown, handling a forty cow dairy, dabbling with orcharding and doing general farming. He was in the "broker"-age business up until 1936 and may go back into it but guesses he will wait until things look better. It must be nice to be able to wait on a business until it is better. I wouldn't mind trying that myself.

"Shep's" four children are in school in various places. They are Henry, Jr. who is 20, Elizabeth 18, Mary McLean 13 and Thom 10. He says his life has been an uneventful one, that he can still bend the old right arm but not with as much success as in years gone by (that will be a shock to some of the boys who traveled with Shep in college days) and that all in all there isn't a great deal to write. All I can say is that if any of you birds are "Down Shepardstown Way" you would do well to drop in on Shep. I'll bet a plugged nickel that it will be a pleasant visit.

Fred Gilroy writes that nothing has happened to him since leaving college in 1916 except that he has worked for the A. P. W. Paper Co., most of the time and has bought a home in Newton Lower Falls, Mass. By the way, Fred is New England Manager for A. P. W. and if you are in Boston look him up. You'll get a real welcome.

"Wes" Dodson spent some months in this "land of steady habits" some time back and with his dandy wife and daughter made New Haven their headquarters. Wes used to drop in and see me regularly and he and the family visited with us down in Portland several times before he decided to return to Bethlehem and do a little real estating. Since then I have seen neither hide nor hair of him. If you read this, Wes, drop me a line.

Around Christmas time I ran into Bill or Milt (whichever you know him by) Jennings who lives in Clinton, Conn. and spends his

BROWN-BORHEK COMPANY

BETHLEHEM, PA.

LUMBER

MILL WORK

GENERAL ELECTRIC AIR CONDITIONING

PHONE 3700



These Austin-Westerns with MM engines clean thousands of miles of city streets daily

From the snow drifts of the North and the Rockies to some of the leading air ports of the world is a far cry, yet MINNEAPOLIS-MOLINE INDUSTRIAL TRACTORS are moving drifted snow off streets, main highways, and hauling giant air liners on great landing fields with the same ease and dependability. Likewise the famous MM tractor engines are called upon to operate fleets of AUSTIN-WESTERN street sweepers in many of the leading cities, including 50 in NEW YORK. Other MM INDUSTRIAL TRACTORS are in daily use, being used to build and maintain roads over the entire country, to move and power hundreds of portable sawmills, and to perform innumerable tasks where speed, dependability and economy are paramount.

Write us for further information

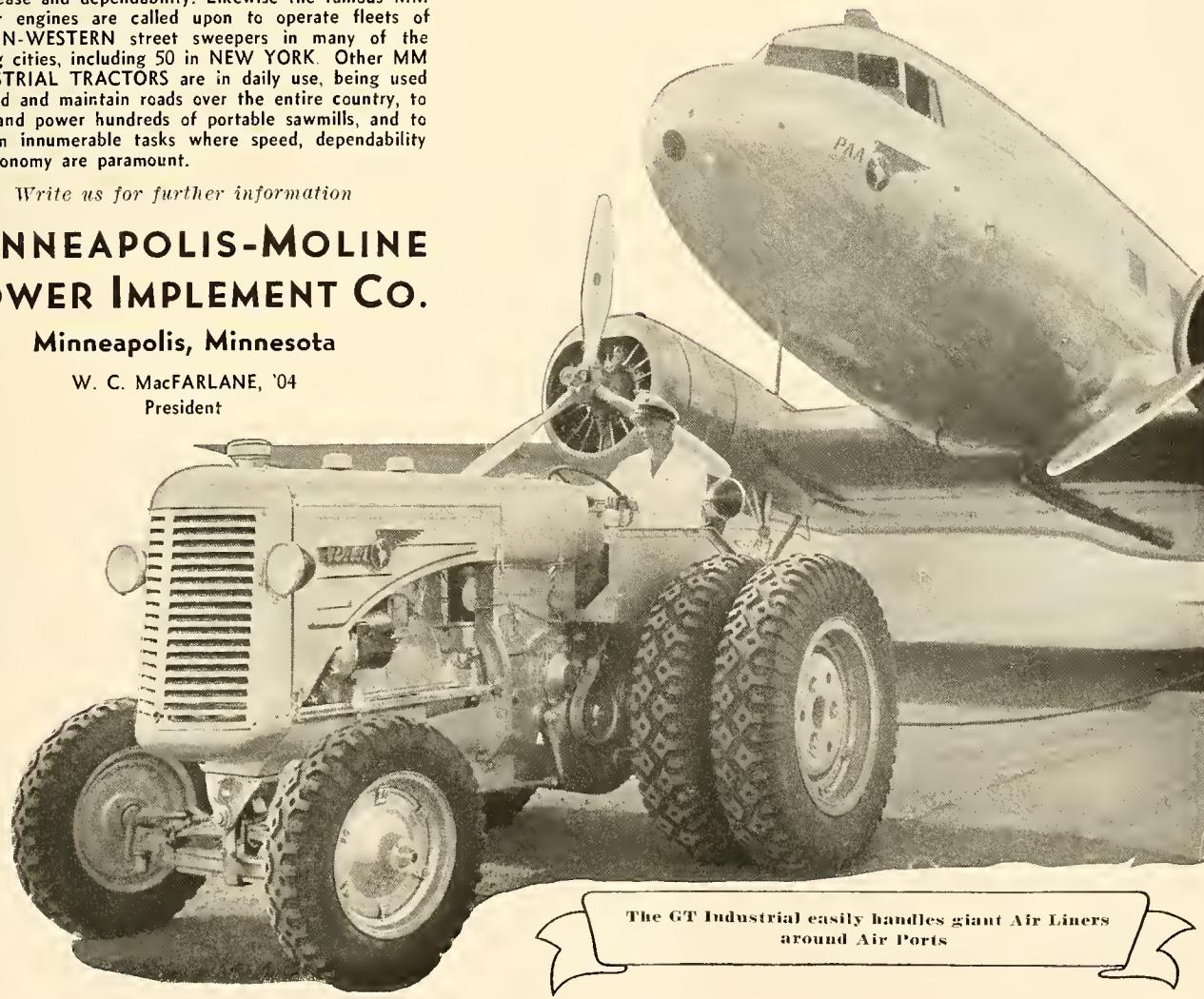
MINNEAPOLIS-MOLINE POWER IMPLEMENT CO.

Minneapolis, Minnesota

W. C. MacFARLANE, '04
President

MM TRACTORS *serve* INDUSTRY as well as AGRICULTURE

The complete line of MM tractors is as well developed for industry as for the farm. The same economy, reliability and ruggedness which are required for field work are included in these units. Such features as a belt pulley, power take-off, electric starting and lighting, dual rear wheels and power box are available. Since tough industrial jobs can lead to costly delays, operators the world over have accepted the MM industrials as their STANDARD OF QUALITY AND PERFORMANCE. For details ask for complete specifications.



The GT Industrial easily handles giant Air Liners
around Air Ports

time between his dental office, his boat and his family. I hope I listed those in the right order. If not Milt can correct them in the next issue. He is slightly heavier than he was in college days, possibly a hundred pounds heavier and they tell me down Clinton way that he is a member of the school board and numerous other bodies which go to keeping that seaside town moving in the right direction.

If any of you fellows come this way and don't stop in for a few minutes I'll report you to the New Deal and have you shot at sunrise and until November I'm convinced that they can even go that far.

CLASS OF 1919

*H. B. Doyle, Guest Correspondent
Doyle, Kitchen & McCormick, Inc.,
501 Fifth Ave., New York City*

I am afraid Joe Rosenmiller picked a bust when he wrote to me September 25th about getting some class news in this space, because I don't get around very much, us sedentary old guys like the fireside these winter nights. Anyway, with every good intention, I put Joe's letter in the file so it would come up about February 1st automatically. The Rube Goldberg mechanism that makes my splendid file automatic failed to work, and when a letter from Miss Radman, of the Alumni office landed on my desk this a. m., saying she was ready for my copy, I realized that I'd have to do a lot of stalling (as I am doing) instead of giving you birds any class news.

Personally, I thought our class reunion was perfect. The gang stuck together beautifully and seemed to have a preference for good old beer in place of the hard stuff. Maybe the beer held us together. The only bad part (or was it bad?) was the getting home. I think it was about Tuesday my family sent out searching parties and found us away down on some mountainside in Jersey, where they had a swell night club with the usual appurtenances, only prettier than usual. I don't know why they call it a night club, as it runs all day too. Gordon Gildersleeve left after 2 days

of it, but he always was pretty soft. I don't believe his wife has let him out of the dog house yet. As for mine, the least said the better. Anyway it was a nice week and it's a good thing we found the place on the way back instead of on the way down.

Joe sent me a list of 20 class members in nearby towns, and I suppose the idea was for me to phone or see each and then put the news they give me in this column. I dislike prying with people's private lives (sic census) so I have a better idea. I'll give you the addresses and you write, if interested. Here they are:

K. M. Bevier, S Woods Lane, Scarsdale, N. Y.; C. L. Blodgett, 41-15 51st Street, Woodside, L. I., N. Y.; James Bradley, Jr., Ecallaw Company, 135 Haven Avenue, New York City,

G. A. Clewell, Public Service Electric & Gas Co., 80 Park Place, Newark, N. J.; F. J. G. Duck, 753 Howard Street, Teaneck, N. J.; R. D. Halliwell, Bliss, Fabyan & Co., Inc., 32 Thomas Street, New York City; H. J. Heuchel, 62 East Penn Street, Long Beach, N. Y.

Isham Keith, 35-34 84th Street, Jackson Heights, N. Y.; J. A. Knubel, 194-19 109th Avenue, Hollis, L. I., N. Y.; R. W. Ludlow, P. O. Box 214, Newark, N. J.; S. W. Lidman, 195 Broadway, New York City.

G. R. Macdonald, York Printing Co., 2529 Graybar Building, New York City; S. V. McCarthy, Jr., Ray McCarthy Travel Service, 9 Rockefeller Plaza, N. Y. C.; W. McKinley, 414 East 52nd Street, New York City; E. M. Mulford, Jr., 5 Gramatan Drive, Yonkers, N. Y.

J. M. Skillman, 54 Lincoln Street, East Orange, N. J.; Harold DeWitt Smith, 47 East 88th Street, New York City; J. M. Stevens, 12 Casino Lane, Bronxville, N. Y.; J. H. Wagner, 77 Ludington Road, West Orange, N. J.; C. W. Warner, 52 Speir Drive, South Orange, N. J.

CLASS OF 1920

*Mercer B. Tate, Guest Correspondent
1421 Chestnut St., Philadelphia, Pa.*

20-YEAR REUNION, JUNE 7, S, 1940

I hope very much that we will have a grand turn out for Twenty's Twentieth in June. I seems hardly possible that another five years has rolled around, or, for that matter, that twenty years has rolled around. This is really one of the great reunions for our Class and I feel sure that everyone will make a real effort to be there.

Red Ganey and Johnnie Marshall will be on hand to take care of all the arrangements in Bethlehem. Ted Estes dropped in to see me a few weeks ago and he looks just as young and dashing as ever and is just as enthusiastic as ever about Lehigh and our reunions. We feel that everyone will be agreed that we should continue to have headquarters as we had before where we can all meet at any time over the week-end.

What I want to hear is the news that all this old group of ours will be on hand. Swede Johnson wrote to me at Christmas that he will be there with bells on, all the way from the Canadian woods. If we can put on a snow storm for him he will probably come in on a sled behind eight huskies.

Ed. Forstall is plugging away just as hard as ever. Howard Bunn, who, of course, holds forth in New York, called me on the telephone recently when I was out of the office but I know he will be back with us.

Add these names to those which you have already heard about and you will see that we are gaining momentum.

We know about the following for sure:

Beard, Bell, Booth, Cameron, Estes, Forstall, Flery, Ganey, Hunton, Jenness, Smoyer, Straub, Sugar, Summers, Tate, Johnson.

Be sure to reserve your tickets early whether you come by plane, or train, by bus, or car, or bicycle.

CLASS OF 1921

*W. M. Hall, Jr., Correspondent
The Hall Grindstone Co., Constitution, O.*

After many, many months I have an unsolicited letter for you addressed "Dear Gang". We all thank you, Bill Leech, for your fine newsy letter and for your kind invitation to visit you in Tulsa. Tell us, Bill, would it be possible for us to head South in our flivver and after fishing with Sam Flom in the morning off Tampa, have

lunch with you, and spend the evening with Brick and Jane in Richmond

From Tulsa, Okla., c/o Koppers Co., Nat'l. Bank of Tulsa Bldg., Wm. A. Leech, Jr., writes as follows:

Dear Gang:

Here is a result of the suggestion in the February BULLETIN.

After wandering over the face of the United States for the best part of twenty years, I now at least have an office of my own and place to call home.

About the middle of last June Koppers Company transferred me down to Tulsa, Oklahoma, as a Southwest representative, and I have been covering this part of the country and some of Mexico since then trying to sell gas purification plants and refinery equipment. The middle of February we opened an office in the National Bank of Tulsa Building, where any Lehigh men will always be very welcome.

My wife and I adopted a boy now five years old, named James Douglas Leech, early in 1939 and he, with my father and his wife, constitute our family in Tulsa; so you may see we have quite a fair establishment. However, rearrangements can be made at home and we can always find a bed and an extra plate for anyone who gets as far from Bethlehem as this seems to us to be.

Best regards to you all.

Sincerely yours,
BILL LEECH

From J. R. Farrington, Annadale, N. J.:

Dear Mac:

I received your postcard written last Friday as I was just leaving the hospital in Trenton after a little repair work on the old chassis.

Have been up to Bethlehem to a few football games, but frankly, the team is so lousy that it is painful to watch. The first half of the Lafayette game was a pleasant surprise but the last half ran true to form. I hope that all of '21 are behind Lincoln in the Lehigh Alumni Student Grant plan because, as I see it, with the situation in the University of Chicago to the contrary, we should have a suitable team about which we need have no apologies. I believe that Harmy and his assistants are doing the best job they are able with the material at hand but think that it is entirely too much to ask that they produce winning teams with mediocre material and no faculty cooperation.

If you know of anything that can be done to help along the athletic situation, let me know.

With best regards,
JIM FARRINGTON

CLASS OF 1922

*John K. Killmer, Correspondent
709 Highland Ave., Bethlehem, Pa.*

A recent check-up shows that the 1922 readers of the BULLETIN have increased to 25% of the active list. That's very encouraging and makes one work a little harder trying to bring the class up to par standing. My class letter of February 1st, sent to all members, resulted in some offers to help but I would certainly like to hear from more of the steady supporters of the class.

"Ken" Downes and "C. P." Salmon wrote me in answer to my request for a "hello". I'll use these letters later.

"Wally" Schier promised to act as guest correspondent in the very near future.

"Brumie" Brumbaugh assures me that he'll do his bit in the Metropolitan New York area to bring back some of the '22 men to life.

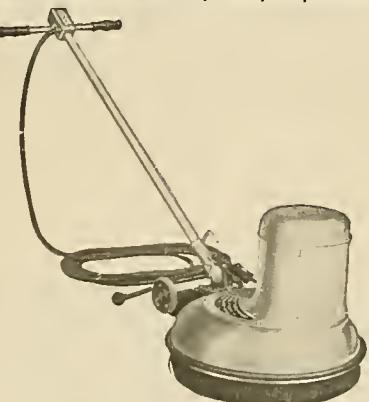
In the last issue of the BULLETIN, Bernie Schaefer's change of position was mentioned. Possibly this information was not of recent vintage or Bernie changes jobs at short notice, for we now find that he is connected with the Berst-Forster-Dixfield Company of Plattsburg, N. Y., manufacturers of woodenware and paper products. He is living at 253 Cornelia St., Plattsburg, N. Y.

One of the Lehigh men with Bethlehem Steel who is sure moving along is our own Frank Huffman. Frank started in the Philadelphia Sales Office, was then transferred to Chicago and later was made Manager of Sales of the St. Louis district. Several years ago, Frank was moved to Baltimore as Asst. Manager of Sales, and he is now back in Bethlehem as Assistant General Manager of the Traffic

When Factory Floors Present A Problem

KENT Is The Answer

Factory floors covered with accumulations of dry grease and rouge, hazardous to your employees, are quickly and thoroughly cleaned by the KENT DRY SCRUBBER. Investigate this machine for Your factory and cut your upkeep costs.



This machine is used by the Warner Gear Company and by the Ternstedt Division of General Motors.

•

THE KENT COMPANY, Inc.

167 Canal Street, Rome, N. Y.

Gorden E. Kent, '07 Bert M. Kent, '04

President Vice President

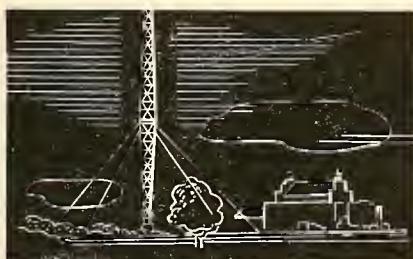


Your ears are our business

Western Electric makes—for the nation's ears—the telephones and the vast array of equipment necessary to provide Bell telephone service. Moreover, out of the telephone have come many other products which widen the hearing range of your ears—adding to public safety, convenience and pleasure. Here are some of these, made with the skill gained in seventy years' experience.

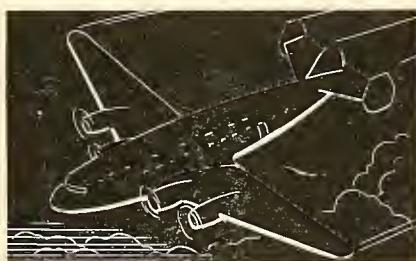


THE AUDIPHONE—based on techniques developed in Bell Telephone Laboratories—is helping many thousands with impaired hearing to hear clearly again. The Ortho-Tech model represents the most recent forward step in hearing aids.



RADIO BROADCASTING is also an outgrowth of work in Bell Telephone Laboratories. More than 200 of this country's leading stations now use Western Electric equipment to put your favorite programs on the air.

THE FLYING TELEPHONE, which helps make possible today's splendid airline service, is the air-minded member of the family. All the major airlines and many private flyers now keep an ear to the ground with Western Electric equipment.



TALKING PICTURES, too, came out of telephone research. The principal producers and thousands of theatres use Western Electric sound apparatus for recording and reproducing pictures that entertain and instruct millions.



PUBLIC ADDRESS equipment, which widens the hearing circle at large gatherings, is another young brother of your telephone. It serves many purposes in hotels, schools, hospitals, auditoriums, stadiums, airports and amusement parks.



POLICE RADIO—pioneered by the makers of your Bell telephone—is one of the law's most powerful weapons. Today Western Electric equipment is helping to increase arrests and decrease crimes—giving added protection to 45 million people.

Western Electric

... made your
BELL TELEPHONE



Movie Opportunity No. 386

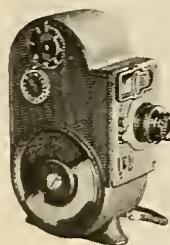


IS THERE a little rascal in your house? He, alone, is reason enough for buying a Filmo personal movie camera now, before he grows a day older. For a Filmo will keep alive forever each tender memory of the "rascal" age—in full-color movies.

The same sturdy Filmo is an ideal sportsman's camera, takes slow-motion scenes without extra gadgets, tucks away in top-coat pocket or purse for carefree vacation filming.

Built by the makers of Hollywood's professional equipment, Filmos are basic cameras to which extra lenses and special-purpose accessories can be added to keep pace with your skill. Yet operation is amazingly simple. *What you see, you get—and what you get, you'll treasure!* Only \$49.50 at better dealers' everywhere. Easy terms.

Bell & Howell Company, Chicago; New York; Hollywood; London. Est. 1907.



Filmo 8

MAKES MOVIES AT
SNAPSHOT COST

only \$49.50

FREE Movie Booklet

BELL & HOWELL COMPANY
1839 Larchmont Ave., Chicago, Ill.
Okay! Send free, 16-page booklet
telling how easy and inexpensive it
is to make fine movies.

Name _____
Address _____
City _____ State _____
GG 3-40

PRECISION-MADE BY

BELL & HOWELL

Department. Throughout Frank's sales career he was very closely associated with the railroads, having their headquarters in the centers in which he was located; so he is particularly well suited for the position he now holds.

SUBSCRIPTIONS EXPIRING WITH THIS ISSUE:

George H. Lorch, Johnson & Johnson, New Brunswick, N. J.

Harry H. Marsh, 660 Beverly Road, Pittsburgh, Pa.

Don't fail to attend to this detail at once.

CLASS OF 1923

I. S. Reiter, Correspondent
Route No. 60, Allentown, Pa.

Last month your correspondent faced the copy deadline without a single news item from you fellows. Reluctant as he was, for the first time this year the BULLETIN went to press without a line from '23. This month, again, he is left high and dry with no news to report. At first glance the situation seemed alarming, indicating a complete apathy among the class of 1923.

However, after more thought I came to the conclusion that, pursuant to the listing of the locations of many of our classmates in previous issues of the BULLETIN, you fellows were busy contacting each other and consequently did not have time to help out your correspondent. With that in mind, I am looking forward to several columns of news to report in the next BULLETIN. Don't fail me, remember the success of the BULLETIN and its interest to you depends upon YOU. Again, lets hear from you.

CLASS OF 1924

F. T. Bumbaugh, Correspondent
4 Park Ridge Lane, Pittsburgh, Pa.

I have received my first acknowledgement of several requests for news items of interest.

Jim Degan tells me he has resigned as Vice President of Hill Diesel Engine Company at Lansing, Michigan and is now in Detroit as Assistant to the President of the Ex-Cell-O Corporation. Congratulations, Jim! We are all glad to see you going along.

Jim also told me that he runs into George Lundberg occasionally. George is living in Grand Rapids and is the only Lehigher in that vicinity.

Last Sunday I was strolling through Carnegie Museum (believe it or not) with my little girl and ran into George Cornelius (believe it or not) with his little boy. Wonders never cease!

Also ran into John Van Dyke and hit him up for a gift for Lehigh. His only reply was, "Give me a slip and I'll send it in."

That's all there is, and there won't be any more until I get some news items from you fellows. I know you don't want a column on how to make steel.

CLASS OF 1926

John A. Bissinger, Jr., Correspondent
R. D. No. 1, Sewickley, Pa.

Every month it seems the news grows scarcer and it becomes necessary to resort to magicians' tricks and pull something out of the proverbial bag.

When I write about different men I have been including sometimes the name of their course and sometimes the name of their fraternity in order to jog up rusty memories. I believe it helps in setting up a train of thought to recall who the classmate was. There are few who are able to recall all of the 180 odd men in our class (Am I right?)

Jimmy LeVan crashed through with the information that Doctor Frank Kear was married to Mrs. Virginia Graham Leach on January 30, 1940 in the vicinity of San Francisco. They will be at home after February 15th at 5425 Connecticut Ave., Washington, D. C.

Joseph Gray Jackson was laid up during the holidays because of a streptococcus infection in the elbow. He is recovering satisfactorily. As you know, Joe after graduating in chemical engineering at Lehigh went on and got his LL. B. from the University of Pennsylvania in '29. He is a partner in the firm of William Steel Jackson and Son (pat-

ent attorneys) in the Otis Building, 112 S. 16th St., Philadelphia. If Joe sees this we hope he takes a hint and writes in telling us a little more of himself and adds anything about the others of our class that he meets.

Your correspondent saw W. Cordes Snyder, President of the Lewis Foundry and Machine Co. of Pittsburgh, Pa., Manufacturers of rolling mill machinery last week. He is recuperating from a severe illness acquired during the holidays. He is on the road to recovery now but has a lot of weight to regain.

We see that Hugh Francis McGoldrick has changed his address to 5S Rayne Road, West Medford, Massachusetts and according to our records he is proprietor of a trucking business in Somerville, Mass.

Stuart Walton DePuy is a chemical engineer who lives at Hammonton, N. J., and is with the Lucas Paint and Oil Company of Berlin, N. J.

CLASS OF 1927

H. O. Nutting, Jr., Correspondent
20 S. Third St., Lebanon, Pa.

In the early part of February a form letter over my signature was sent out requesting your cooperation as a class in the support of the ALUMNI BULLETIN. Alumni dues, Student Grants and Gifts to Lehigh. In that letter it stated the number participating up to December 1. It is only fair to let you know how we stand as of February 23; I think the results speak for themselves.

Bulletin subscriptions 40
Alumni Dues 20
Student Grants 10
Gifts to Lehigh 14

To the new Bulletin readers, greetings and I hope you won't feel let down with this column; all help and criticism is looked forward to by your correspondent.

Among several weighty problems to be ironed out are (1) Will Herb McCord get Tom Robinson and Harry Martindale together and match for lunch. It seems Harry and Tom are ducking each other because each thinks he owes the other a lunch. Harry is with the Cavendish Trading Corp. which is a buying office for department stores in Manhattan while Tom is with the A & P stores covering a territory down into Harrisburg.

Bill Coombe of Bethlehem was appointed court crier of the Northampton County Court. Bill spent a year and a half at Temple Law School after graduating from Lehigh.

John Hertzler is general-sales manager for the York Ice Machinery Corp. in York. The next time you go through Lebanon, John, stop off, will you?

First Lt. Nat Tyler is with the HQ. and Military Police Co. in Fort Benning, Ga. I presume he's taking part in the large scale maneuvers down there.

Dave Lobo is located in Maracay, Venezuela and further, for your Spanish:

"La Empressa de Luz y Fuerza Electrica comprende usted?"

Jack Hayes from Birmingham, hopes we won't have to hang our heads in shame at the next meeting of class agents; he's got the "needy all around all American" spirit started. I'd like more news to pass on from you Jack.

Most of you fellows haven't written your correspondent since the day you graduated and Willie Schmalz went to sleep at the Commencement Ball.

CLASS OF 1928

R. Max Goepf, Correspondent
28 The Strand, New Castle, Del.

Since the boys are apparently a little bashful about sending in their exploits, we are sending in a little background stuff. The plot isn't much, but look at the cast of characters.

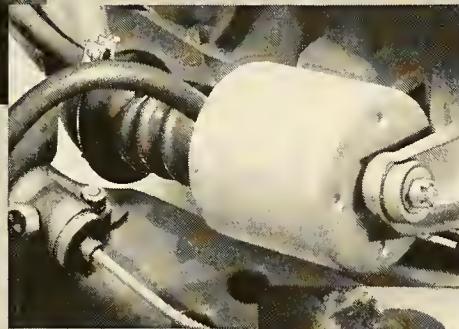
New addresses are given for W. S. Bailey, Norwell, Mass.; Edward S. Barnitz, Yardley, Pa.; Maurice E. Bender, Spring Lake Colony, R. D. 1, Camp Hill, Pa.

F. L. Clayton, 602 Midland Savings Bldg., Denver, Col.; Stanley L. Favinger, 712 Princeton Blvd., Pittsburgh, Pa.; George W. Farnside, Jr., Osborne Lane, Glen Osborne, Sewickley, Pa.; William Gould, 16 E. 4th St., Mt. Vernon, N. Y.; Lawrence H. Hirschbach, Argle Road, Scarsdale, N. Y.



Can you do this
with your steering
column gearshift
?

Just touch it without
removing your hand
from the steering
wheel . . .



Feel a hidden power cylinder
supply 80 per cent of the shift-
ing effort—automatically . . .

Sit back and let the gear-
shift do the work for you—
instead of having to shift
for yourself!

Only Chevrolet has this Exclusive Vacuum-Power Shift—80% automatic—only 20% driver effort. You won't find it on any other motor car, regardless of price!

"THE GREATEST ADVANCE
SINCE THE SELF-STARTER"

*Eye It.. Try It..
Buy It!*

"CHEVROLET'S FIRST AGAIN!"



A GENERAL MOTORS VALUE



NOWHERE ELSE—FEATURES LIKE THESE!

NEW "ROYAL CLIPPER" STYLING • BIGGER INSIDE
AND OUTSIDE • NEW FULL-VISION BODIES BY
FISHER • "THE RIDE ROYAL"—Chevrolet's Per-
fected Knee-Action Riding System • PERFECTED
HYDRAULIC BRAKES • ALL-SILENT SYNCRO-
MESH TRANSMISSION • LARGER TIPTOE-MATIC
CLUTCH • NEW SEALED BEAM HEADLIGHTS WITH
SEPARATE PARKING LIGHTS • IMPROVED
SHOCKPROOF STEERING • NEW CRYSTAL-
CLEAR SAFETY PLATE GLASS

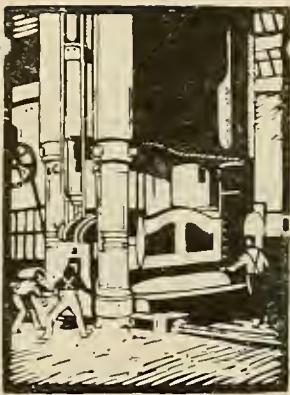
On Special De Luxe and Master De Luxe Series

85-H.P. VALVE-IN-HEAD SIX

AND UP, at Flint, Michigan.
Transportation based on rail rates,
state and local taxes (if any), op-
tional equipment and accessories—
extra. Prices subject to change
without notice. Bumper guards—
extra on Master 85 Series.

\$659

CHEVROLET MOTOR DIVISION, General Motors Sales
Corporation, DETROIT, MICHIGAN



**STRUCTURAL STEEL
FOR
BRIDGES, BUILDINGS, ETC.**

**ENGINEERS AND
MANUFACTURERS**

CHARLES McCONIGLE, '01 - OTHO POOLE

**POOLE & McCONIGLE
PORTLAND, OREGON**

**BRIDGE and BUILDING ERECTION
STEEL CONTRACTORS**

Incorporated 1911

OTHO POOLE

CHARLES McCONIGLE, '01

**POOLE-DEAN COMPANY
PORTLAND, OREGON**

White Bros. Smelting Corp.

PRODUCERS OF

CERTIFICATE METALS

PURCHASERS OF

COPPER SCRAP - BRASS SCRAP - RESIDUES

BRIDESBURG-ON-THE-DELAWARE

PHILADELPHIA, PA.

C. B. ALLEN, '37

H. G. NAISBY, '38

G. E. SHEPPARD, '38

C. B. WHITE, '05, Pres.

E. T. Kelly, 919 Lincoln Place, Brooklyn, N. Y.; Leon Levin, 607 U. S. Court House, N. Y. C., res. 480 W. 187th St., N. Y. C.; J. S. Miller, 7 Stock St., Hanover, Pa.; M. R. Niman, 21 Barstow Road, Great Neck, L. I.; H. W. Palm, U. S. Geological Survey, 225 Federal Bldg., Honolulu, T. H.

Harold H. Romig, 1631 N. 11th St., Reading, Pa.; Norman G. Schreiner, 2037 N. 15th St., Philadelphia; Frank L. Schwartz, Pratt Institute, 215 Ryerson St., Brooklyn, res. 161 Willoughby Ave., Brooklyn, N. Y.; Gardner M. Simes, 7 Colby Road, Port Washington, L. I., N. Y.

A. C. Evans, Y. M. C. A., York, Pa.; A. H. Trumbull, P. O. Box 53, New London, Conn.; Lyman D. Warner, 8122 Eastern Ave., Wyndmoor, Chestnut Hill, Philadelphia, Pa.; Reed Whitney, c/o Travelers' Insurance Co., Columbus, Ohio.

CLASS OF 1929

*M. S. Ebert, Guest Correspondent
2207 Baynard Blvd., Wilmington, Del.*

As stated in last month's column the balance of our Chemipersonalities will appear in this third installment. My last remarks concerned Reggie Smith, so continuing alphabetically with the S-Z Chemicals, we come next to Clem Stanton.

Having missed Clem by only five minutes in Boston, I cannot add to his letter, which related that he started with Esso's Technical Service, switched to Hardware ("hard" enough to "ware" thru the Depression), and then joined the Duriron Co. for work in Dayton and in Boston as Branch Manager, where he is now living.

Bethlehem Steel still claims Hank Sterner's services. Starting in the Metallurgical Dept. in 1934 Hank transferred to Sales, covered the Middle West for three years out of Cincinnati, and now is in New York as specialist in alloy and tool steels. Bill Urban is also with Bethlehem, as Metallurgical Assistant, Blast Furnace Dept. of the Cambria Plant at Johnstown. His work includes "catching hell generally", he relates. Bill Hansen is likewise with Bethlehem, in Bethlehem; I couldn't pry a letter from him however.

Roger Van Horne was one of a group of five (VanHorne, Visco, Lyter, McGovern and K'burg) that were together for awhile in Niagara Falls. Rog is now with the Hooker Electrochemical Co. as operating chemist in charge of improving quality and yields of a larger number of products. Gardening, housebuilding, Boy Scout work, and the vigor of Buffalo winters are mentioned. Ralph Visco served with the Roessler and Hasslacher Co. at the Falls, transferred to pigment production for awhile, then served as a Reserve Officer in C. C. C. in New Jersey and the State of Washington for three years, and now is back in the Garden State "at leisure". His letter reaches from snow-covered mountains to the Hackensack Meadows. Ralph was married in '36 and has a one-year-old daughter.

In the textile industry as chemist and colorist, Jim Whitaker has worked in Jersey, Massachusetts and on Long Island; at present he is employed by Superior Dye and Print Works and he and Mrs. Jim live "next door to the World's Fair" in Woodside. With this I complete my very brief summary of the letters which I received. From those men I could not contact (Fox, Gans, Miller, Ritter), I would welcome a letter even at this late date. Further details and addresses are available to anyone wishing them.

Considering these 28 members of Ch. E.-1929 as a group, a few brief statistical glances are of interest, since they may represent any similar group of technically-trained men, and also as a group having passed thru a turbulent decade of our Nation's history. Of the 28, one has died, Johnny Lyter whom we all admired and of whom we expected marked success. Nine higher degrees have been earned; two are Ph. D's. These men have held 49 different major jobs (that is, disregarding transfers and considering only different employers); nine of them have had the same employer the full ten years since graduation. Only one is in business for himself; two do not at the moment have full-time permanent positions. The two following lists show the distribution according to type of work and according to fields of chemical activity:

Now more than ever—
you'll want Frigidaire



A WORD OF CAUTION. Some stores may use the name "FRIGIDAIRE" loosely to identify other makes of refrigerators and thus confuse the public. Don't be fooled! If a refrigerator does not bear the "FRIGIDAIRE" nameplate, it is *not* a FRIGIDAIRE and will not offer the advantages set forth in this advertisement.

FRIGIDAIRE is the trade-mark of the refrigerator manufactured by the Frigidaire Division of General Motors—world-wide leaders in the refrigerator, range and motor car industries. Be sure the store you go to sells FRIGIDAIRE, made only by General Motors.



Buy the Favorite
Buy
Frigidaire

NEW design!
NEW convenience features!
NEW low prices!

This year see the greatest Frigidaire of all time—at the lowest price in history. See thrilling new beauty, new convenience features and new low prices that surpass anything ever offered before. It's the crowning achievement of America's leading maker of refrigerators. No wonder those who have seen the new models say, "FRIGIDAIRE Is The Year's Biggest Bargain in Home Refrigeration!"

We've cut prices to the bone. Just imagine! You can own a genuine 6 cubic foot 1940 Frigidaire for a little more than \$100!

See your Frigidaire dealer for PROOF of greater value. See how the new 1940 Frigidaire keeps food safer and freezes ice faster at the lowest cost in Frigidaire history. See the dozens of features that bring food-convenience to its highest level. See how Frigidaire includes many of its greatest de luxe features in *even the new, lower priced models!*

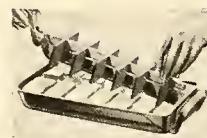
Compare Frigidaire quality with that of any other refrigerator at any price...bar none! See for yourself why Frigidaire—the greatest name in refrigeration—shines with more brilliance than ever as the big, beautiful bargain of the year. The PROOF awaits you at your nearby Frigidaire dealer's—step in and get it...today!

FRIGIDAIRE DIVISION
General Motors Sales Corporation, Dayton, Ohio

Complete New Series of FRIGIDAIRE COLD-WALL MODELS

Only Frigidaire has this famous new principle, which *cools through the walls*, saves precious vitamins in foods—preserves the freshness, flavor and color, days longer. *And you don't even have to cover food!* Ask your Frigidaire dealer for a Cold-Wall demonstration.

See Why FRIGIDAIRE IS a BETTER BUY!



Double-Easy Quickube Trays come loose and cubes pop out instantly. No hacking, no melting under faucet. No "gadgets" to lose or misplace. Greatest ice convenience ever offered.

Glass-Topped Food Hydrators guard freshness of fruits, vegetables, perishables, so amazingly you actually see dewy moisture on the glass covers. Preserve color, flavor, for days longer.



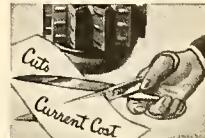
New Stainless Chromium Shelves dramatize the beauty of the Frigidaire interiors with bright, mirror-smooth luster. Rustless and sanitary. Stay new and bright for years. Cleaned in a jiffy.



Extra-Large Meat Tender slides out like a drawer. Saves many food dollars every month by properly protecting all kinds of meat and fowl. Also stores up to 100% extra supply of ice cubes.



One-Piece Steel Cabinet built to last a generation, seals in the insulation and prevents "water-logging" that destroys cold-keeping efficiency. Easiest of all cabinets to keep spotlessly clean.



Meter-Miser... simplest cold-making mechanism ever built. Self-oiling, self-cooling. Silent, efficient—uses less current than ever before. Exclusive F-114, safe, low-pressure refrigerant.

Type of Work	
Production Engineering	10
Sales	4
Research	3
Production Management	3
Chemical Law	2
Chemical Education	2
Non-Chemical	2
Unemployed	2

Chemical Field

Fine Chemicals	5
Petroleum	4
Non-Chemical	4
Heavy Chemicals	4
Metals	3
Asbestos, etc.	2

Cork, Glass, Foods, Paint, Teaching, Textiles 1 each Socially, of these 27 men now living, nine are single, 18 are married and 11 of these have children consisting of seven sons and nine daughters (Funny things, Statistics!). About half the marriages occurred during the first five years after graduation, half during the second five-year interval.

Geographically, one man is working over a thousand miles from South Mountain, four are over 300 miles away and all the rest have jobs and homes within a circle of 300 airline miles radius around Bethlehem. New York area leads with eight men. All these figures are as of our Tenth Reunion, and although they are not extremely accurate, they do present a fair picture of the situation.

CLASS OF 1932

Carl F. Schier, Jr., Correspondent
890 H. Street, Meadville, Pa.

Red Schuyler finally comes back into the fold by sending in a brief note concerning his activities. He is a salesman for the National Cash Register Company in Reading, Pa., where he also lives. The address for those of you who might want to get in touch with Red is 1427 Birch St., Reading.

Several weeks ago, Sam Berlin dropped a letter in the mail-box directed to me which is mighty welcome at this time. Sam has been working for the American Manganese Steel Division at New Castle, Delaware where in a relatively short time he has advanced to the position of Chief Chemist. Nice going! I really envy you fellows who are close enough to Bethlehem to get back to the campus fairly regularly. It is nice to know that so many of the gang take advantage of the opportunity to return as often as Sam apparently does.

Fil Narzisi is making a name for himself in his own home town as Resident Engineer of Pipe Line Construction for the Bethlehem Municipal Water Authority.

Steve Canonico, who for the past several years has been in the coal mining community of Closplint in Harlan County, Kentucky, is now located in the less explosive town of Red Bank, N. J., address—3 Rector Place. What's the news behind the move, Steve?

Another note from Court Seabrook will wind up this month's column. Court, as many of you know, is Vice President and Mgr., of Koster Company, Inc., Bridgeton, N. J., Nurserymen. He writes as follows:

"I have been quite busy the last few years running my farm and Nursery but I still find time to get up to Bethlehem two or three times a year. I was up for the Lafayette game and went on a party with Roger Fluck and Frank Murray out to Mickey White's and it seemed just like old times.

"On my farm I have a herd of about one hundred pure bred Poland China hogs and have become quite interested in this end of the business. We also have a feeding operation feeding several hundred head of steers.

"One engaged in a luxury business such as a Nursery enterprise may find himself in dry dock if war becomes general unless there is a side line such as our feeding operation. Should war become general, production of pork and beef would be a vital industry while the Nursery would be at a standstill."

CLASS OF 1933

Robert L. Davis, Correspondent
Plastics Dept., General Electric Co.,
Fort Wayne, Ind.

Since your correspondent arrived in Fort Wayne he has located only one member of the Lehigh Class of 1933, Ken Ryan, A. T. O. Ken resided in the city only about two days after my arrival and decided it was time to leave. He is now in Bridgeport, Conn. with G. E. Ken is still a bachelor but had high hopes of connecting with an attractive Hoosier Miss. Best of luck Ken in your campaign.

Vic Hertslet, however, seems to have just about completed his campaign. Word has been received through the Alumni office that Vic is to make permanent connections with one Miss Ruth Baur of Noroton, Conn. I have met the party in question and she is most attractive. They hope to settle down somewhere on Long Island. I hope Vic will give us more details later.

Several items of interest have come to my attention since last reporting to you. Harold Silver is no longer in the insurance business in up state New York but is now in the Big City with the Universal Match Corp. of America, 320 Fifth Ave. Bob Kugler's new address is Orchard Lane, Northfield, Ill. Art Widdowfield is with the Mercoid Corp., Detroit, Mich.

CLASS OF 1934

Robert F. Herrick, Correspondent
Lehigh University, Bethlehem, Pa.

Opener this month is a letter from Fred Mertens who says as follows:

"This is to notify you of a change of domicile and would you please arrange to have your staff express my ALUMNI BULLETIN so that I don't read the wrestling news at the end of the track season.

"Missed the fifth reunion which is sort of strange as I've been to everybody else's but

THE BODINE CORPORATION

MANUFACTURERS OF

DIAL FEED AUTOMATIC
DRILLING, TAPPING, SCREW
INSERTING AND SPECIAL
MACHINERY

"Let BODINE Help You"

FACTORY AND OFFICE
3 Mountain Grove Street
Bridgeport, Conn.

A. V. BODINE, '15
Pres. and Treas.



THE LEADER

in
*Industrial
Lighting*

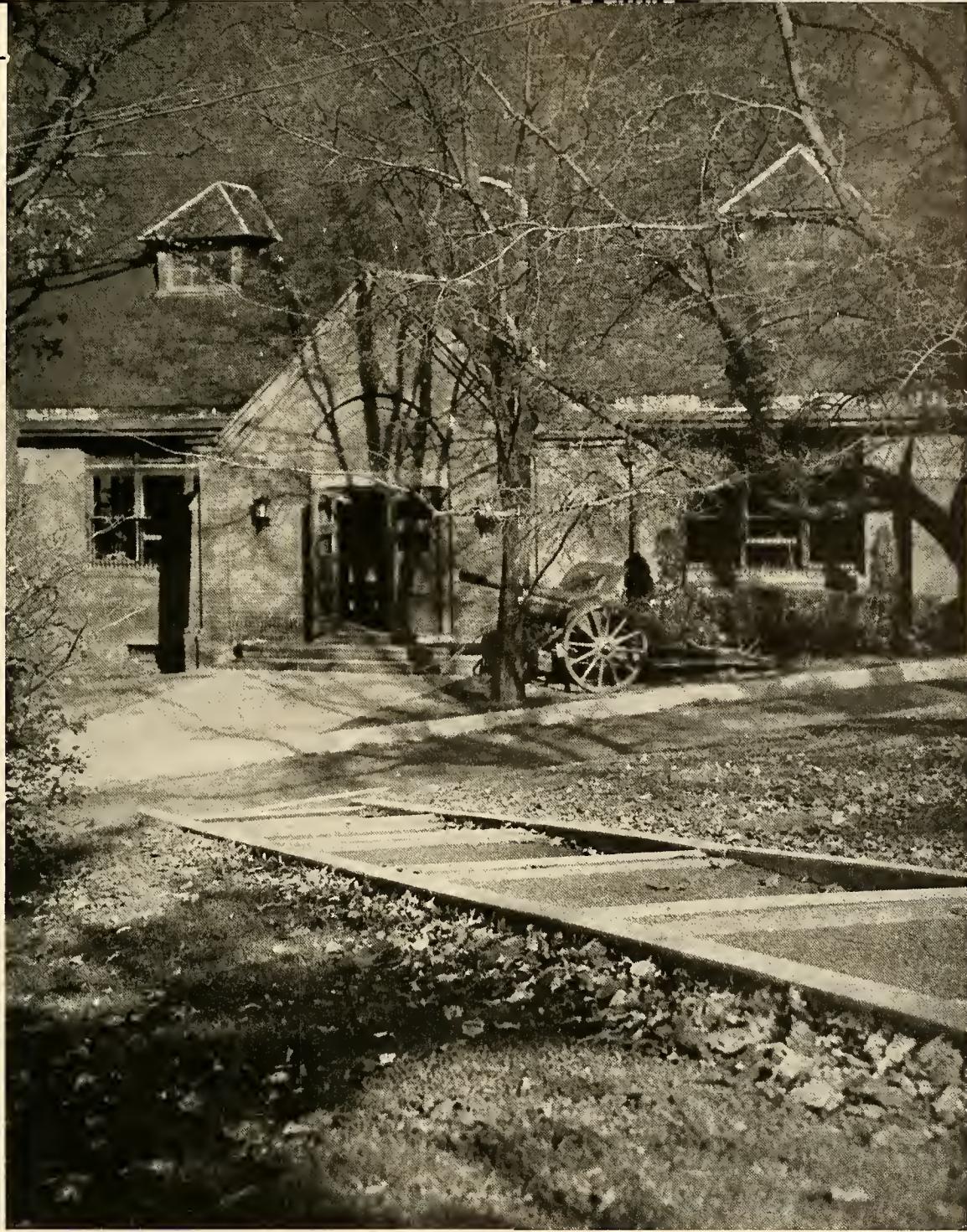
BENJAMIN
TRADE MARK

The name BENJAMIN stands for leadership in Lighting and Floodlighting Reflectors for Industry, Service Stations, Display Signs and Sports Fields. Because of this leadership more lighting specifications call for BENJAMIN. More industrial executives and architects specify BENJAMIN and more electrical contractors buy BENJAMIN. When you plan improved light conditioning that meets highest modern lighting standards, specify BENJAMIN—the world's outstanding leader in industrial lighting.

BENJAMIN
TRADE MARK

LIGHTING EQUIPMENT

Distributed Exclusively Through
Electrical Wholesalers
B. C. Kodjbanoff, '98
Benjamin Electric Mfg. Co.
Des Plaines, Ill.



Lehigh Armory

LEHIGH UNIVERSITY

DEVOTED PRIMARILY TO PURPOSEFUL EDUCATION

Offers courses in the three colleges leading to careers.

ARTS AND SCIENCE

Journalism, biology, bacteriology, geology, pre-medicine, pre-law, government service, education and psychology, public health, language, mathematics and astronomy.

ENGINEERING

Chemistry, chemical engineering, physics, engineering physics, civil, sanitary and hydraulic engineering, electrical engineering, mechanical engineering, mining engineering, metallurgical engineering, industrial engineering, engineering operations in aeronautics, radio communications, refrigeration.

BUSINESS ADMINISTRATION

Economics, accounting, banking and finance, business statistics, mercantile management, marketing, advertising, public utilities, insurance.

For other information, address E. Kenneth Smiley, Director of Admissions, Lehigh University, Bethlehem, Pa.

The HOTEL

BETHLEHEM

STUART E. HOCKENBURY *Manager*

BETHLEHEM • PENNA.

Visit THE HISTORIC Pioneer TAPROOM. Murals By GEORGE GRAY



AMERICAN HOTELS CORPORATION • N.Y.
J. LESLIE KINCAID *President*

did not get to the Lafayette Game. It was really a swell game. Much better than I hoped for.

"The new "Plan" seems to be just the thing we need. I think someone with a few brains put it together. There should be a lot of fellows of the type sought who would prefer a school of Lehigh's caliber.

"You needn't answer this as I know you are a busy man, but if you should have the address of Al Wall, '34, please send it up. I haven't mailed his Christmas Card yet. It is really very serious as he sent me one.

"For your information I have been in the experimental department of Pratt and Whitney, or more properly United Aircraft, for a whole month.

"Give my regards to Bethlehem.

FRED MERTENS"

Apparently the mail must have a tough time getting through Red Gulch into East Hartford, Conn., and it seems the least Fred could do would be to send down a shiny new plane to take care of the situation, since he is connected with Pratt and Whitney. Incidentally any of you men who want to contact Fred can reach him at Church Corners Inn, East Hartford, Conn.

Other good news, although belated, comes from Murray Rust, who tells me that Murray the third, was born on October 31, 1939. I am sure we all join in sending congratulations to Murray although the young man must be old enough to enter prep school by this time.

Tommy Liggett seems to be moving a great deal recently but we have it from fairly reliable sources that mail will now reach him at 302 Florence Ave., Jenkintown.

Jim Procopio who is now an M. D. with the C. C. C. in Crossville, Tenn.

Ken Engler is general manager of the Engler Millwork Corporation in Jersey City and is living at 16 Delwick Lane, Short Hills.

Ben Myers is another one who seems to be with a family firm for he is buying and selling scrap metals for Simon Myers in Salem, Mass. His residence is at 214 Lafayette St.

In case anyone has missed Tritte for some time, he can be found engineering for Westinghouse Electric Supply Co. at the far-flung joint of St. Louis, Mo. He is living at 4931 Lindell Blvd.

And if we baven't mentioned it recently, Frank Morgan is now an electrical engineer for the Philadelphia Electric Company and is making his home at 1712 Madison Ave., Duomore, Pa.

Those of you who read the article on America's Number 1 Super-Highway in the February issue noticed that Richter was associated with the work. Actually his technical position is project engineer for the Pennsylvania Turnpike Commission and he is living at South Market St. in Selinsgrove, Pa.

Just as the column for this month comes to its close, the good news comes across the desk that Walt Miller was married to Miss Katherine Wend of Albany on February 29. Whether the choice of the date is simply the Millers' particular bow to Leap Year or whether Walt planned it so he will have to remember the anniversary only once every four years, is a question which ought to hold us until the May edition. None the less, our very sincere best wishes go to Walt and his wife.

CLASS OF 1935

*L. P. Struble, Jr., Correspondent
249 Hilands Ave., Ben Avon, Pa.*

5-YEAR REUNION, JUNE 7, 8, 1940

If this column gets into print this month, it will be due to the kindness of the BULLETIN Staff, for due to the arrival of the future Miss America, ye ed. had his hands full over the week-end and had to neglect his duties as a columnist. Yes-sir fellows, the big news is finally released. Margaret Anne first smiled at her proud papa at 3:20 P. M., Saturday, Feb. 3, 1940. Six pounds, nine ounces was her fighting weight and at the present writing she tips the scales at eight pounds, two ounces. Don't worry, I won't ramble on this way much more, but please realize that this is the first chance I've had to put her name in print. It

All For Lehigh!

The officers of Weston Dodson & Co., Inc., of Bethlehem, are Lehigh University graduates almost to a man. There's every reason why you should ask your coal dealer for anthracite coal from Weston Dodson. No better fuel comes out of the anthracite region.

would probably be proper to close by saying that her Mother is doing fine and her Father is slowly recovering.

While walking out in the hall of the office building today, I was almost knocked over by a person who looked quite familiar, and after reviewing the last five or six years of my life, I realized that it was none other than that terror of Packard Lab., Mr. Formhals, who after much struggling finally gave up in the task of pumping electrical knowledge into M. E.'s such as Brown, Wilson, Williams, Bonnett, Rick, many others and myself. Now I understand he's some sort of an expert with Westinghouse.

Apparently I made a grievous error in one of the recent columns, by saying that I didn't have Bud Loux's address. Bud called my attention to the fact that his business card appears regularly in the back of the BULLETIN and that he would gladly take care of your life insurance with the State Mutual Life Assurance Company of Massachusetts. . . . My sincere apologies for the oversight Bud, and no charge for this ping.

Due to the recent happenings, I've been unable to get any new information on the REUNION. Next month I hope to tell you plenty and don't blame me if some one contacts you in the meantime.

CLASS OF 1936

*W. M. Smith, Jr., Correspondent
627 Westwood Ave., Long Branch, N. J.*

I still can't get over the colossal gall of that guy Kornet in mentioning that I was ever behind in my correspondence with him. What's happened since the Lafayette game, John?

For that matter, it appears that we're all a bunch of lousy correspondents for the mailman certainly wore no blisters (on his feet anyway) carrying contributions for this column. The sum total of such contributions is zero.

The dinner meeting of the Northern New Jersey Lehigh Club in Newark brought out Irv

Lawton, Bunny Austin, John Davis, Charlie Potter and Vern Kildare. It was a fine meeting and enjoyable even though your correspondent was later unable to convince certain civil authorities that 70 miles an hour comes under the heading of good clean fun.

The Alumni Office records the following new addresses:

Walt Nutt is now at 227 E. Fourth St., Clifton, N. J.

Walter Bilger (American Pulley Co.) resides at 4913 Belden St., Philadelphia, and we are informed Walter Bilger, Jr., put in his appearance on January 14. Congratulations, Walt.

Tom Gearhart of the Bethlehem Steel Co. can be reached at 78 Crestline Ave., Bethlehem, Pa.

Dean Swain, who is selling for E. I. duPont, is living at 405 Edgehill Rd., Abington, Pa.

Dick Raring is a metallurgist for the American Chain Co. in York, Pa. Si Brown is with Bethlehem Steel in Lackawanna, N. Y., the same capacity.

Your correspondent also takes considerable pride in mentioning that Miss Dorothy Hendrickson and he are announcing their engagement on March 9. The Ides of March have again claimed a victim.

It seems that again I've run out of information with which to fill these pages. If the column seems short, please realize that it's the best I can do without your cooperation.

CLASS OF 1937

*Don Barnum, Correspondent
4 W. Church St., Bethlehem, Pa.*

My silence last month was an error for which I humbly apologize. I had hoped that it would bring a storm of protest upon my head from which I could glean some news; but no. That means, I assume, that I will have to rely entirely on a letter from Charlie McCoy who says in part:

"I must first of all lament the fact that Lehigh men—particularly of recent vintage—

are almost unknown in this town. Consequently I can give no account of any Lehigh get-together, or even of a meeting with a lone class-mate.

"It seems to me that I have been back to Bethlehem but twice since graduation—and both of those occasions were within the first few months. The prospect of being able to return for our third reunion and possibly for one other visit prior to that time is a pleasant one.

"My chief activities are those of a Firestone employee. After spending a year and a half in the research division of the Personnel Department, I have recently transferred to the Market Research Department. I'll leave it to you to imagine the conglomeration of problems on which such a department goes to work.

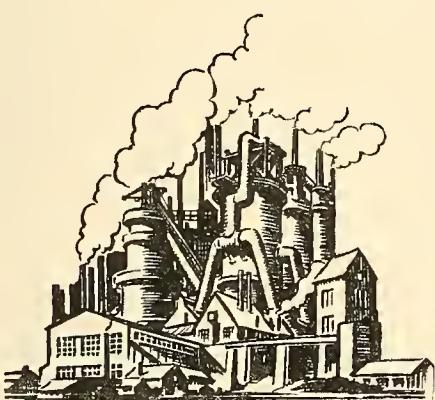
"A year of graduate work was apparently the stepping stone to the job—and also provided an additional "necessary"—which resulted in an unsung marriage ceremony some five months ago. For the information of any classmate who may be hewing his way through this wilderness—the McCoys are "at home" in the Avalon Apts., 214 N. Portage Path, Akron, Ohio. We are hopeful that we may snag a visitor through this advertisement. I'll even hold out a 10¢ beer as additional bait.

"I enjoy each '37 column in the BULLETIN. Hope there's enough stuff for one each issue."

All I can say, Charlie, is thanks a whole lot for your letter, and my sincerest wishes to you for a perfect married life and continued progress in your work. It sounds as though Firestone can recognize unusual ability in its organization. Please lock me up when you do get to Bethlehem, and I'll see that you get a beer.

Fellows, the other night Pat Pazzetti, II called a meeting of some of the Lehigh men in the vicinity to talk over this Alumni Student Grant business, and the whole matter of Alumni Dues.

The meeting was a darned swell success. Everyone left it with the definite idea that it



INDUSTRIAL PLANTS

•

PULP AND PAPER MILLS

•

COMMERCIAL BUILDINGS

•

CONCRETE BINS AND SILOS

•

COMPLETE POWER PLANTS

•

BRICK AND CONCRETE CHIMNEYS

RUST

A Name That Counts in
ENGINEERING
for Design • Construction • Supervision

These Lehigh men are ready to serve your inquiries. Please address them through The Rust Engineering Company, Clark Building, Pittsburgh, Penna.

A. G. Rohrs, '32

R. H. Wagoner, '36

S. M. Rust, Jr., '34

W. F. Rust, Jr., '36

G. M. Rust, '31

C. G. Thornburgh, '09



THE RUST ENGINEERING CO.-PITTSBURGH

NEW YORK

WASHINGTON

BIRMINGHAM

CHICAGO

Higher Vacuum for Higher Profits



3 STAGE EVACTOR FOR
ESSENTIAL OIL DISTILLATION
(Vacuum 1 to 2 mm.abs.)

Evactors

One, Two, Three and Four stage are in operation throughout the world. This company has specialized in the building of high vacuum equipment for more than 20 years.

Chill - Vactor

Refrigerating Systems

A system of cooling water and liquids by evaporative cooling at very high vacuum. The equipment proper has no moving parts so that repair and upkeep expenses are practically nothing.

Total installed capacity equivalent to over 8,000 tons of ice per day. These units are furnishing chilled water for air conditioning, chilled liquors for chemical process work and for chilling porous solids and wetted surfaces. Literature on request.

Croll-Reynolds Co.

EST. 1917

17 JOHN ST. NEW YORK

S. W. CROLL, '10

is now possible for the Alumni to do something constructive about getting the right kind of men to come to Lehigh. Men, the Alumni Student Grant proposition, about which you have all been notified, is a voluntary donation on your part to be made either over and above your annual dues, or instead of them. You can rest assured that any money you may put into the Student Grants will be put to darned good use.

One more item of personal interest before we sign off for today is that George Barker and Jeanette Seiter have announced their engagement. George, you know, is working in Bethlehem for the Steel Company.

CLASS OF 1938

*J. Palmer Murphy, Guest Correspondent
Editor, Bangor Daily News, Bangor, Pa.*

I haven't run into many '38 men around the town. Perhaps the responsibilities acquired in the last two years have led to temperate habits that keep them away from my haunts, although I did run into *Randy Young* and *Bob Miller* at the "Chor the Sunday after Inter-fraternity ball. *George Sheppard* and *Charley Small* were down the week-end before. *Frank Stanley* turned up one night at the Hotel taproom.

Latest news from the front indicates that *Keiste Jonulis* has had his fill of the goings on in Europe, and will desert Lithuania for the United States in the near future. He is planning on taking a master's degree when he gets back to this country.

Turning to journalism nearer home, *Nevin Fidler*, wife and family, have taken up residence in Lafayette's stamping grounds, with *Nevin* taking over the management of the Easton office of the Allentown Morning Call.

Which about covers the range of this guest columnist and the job is cheerfully given back to its rightful owner.

Thanks, Murph.

Harry Milbank, now working for Shell Oil in Phillipsburg, N. J. writes in part . . . "I am located within 12 miles of the old camping grounds. Mr. Shell has seen fit to put me to work at his terminal at Alpha, if you remember where that thriving metropolis is located . . . I saw *Herb Imbt* a while ago. He's hard at work for Pennsylvania Bridge Building Commission, looked very healthy and prosperous . . . I understand from Captain *Jack Barry* that *Bill Klingensmith* will be taking the fatal step in March . . . I've seen *Vance Edwards* several times. He's making lots of dough for *Ingersoll-Rand* . . ."

And from *Buck Johnson*, working with Chesapeake & Potomac Telephone Co. in Charleston, W. Va. I hear, ". . . Your average class picture is pretty good, from my standpoint, but it is a shame we can't all be making as much as our average member (\$1650) . . . I have been transferred to the transmission engineering department of C. & P. The work is much superior and I feel offers much better opportunity for advancement . . . I'd like to see the address of *George Dornin* in your next column. (So would the Alumni Office, Buck. Sorry I have no records whatsoever. Suggest you write to his home 319 Hawthorne Rd., Baltimore, Md.) Business in this section is exceptionally good. As you may know, *Bill Krantz* is employed at the DuPont plant in Belle, W. Va. as a student engineer. Also *Jim Quarles* is working somewhere around Charleston . . ."

Finally from *Carl Palmer*, working for McGraw-Hill Publishing in New York. I'm doing layout and typography for *Product Engineering* and *Mill Supplies*. *George Nordenholz*, my boss, is a Lehigh man . . . used to be instructor of physics at Lehigh . . . Attended the last meeting of the New York Club, where I met many classmates . . . *Bob Miller*, *Harry Harchar*, and a few others. Bumped into *Whitey Sterngold* at the "Y" where he put on an exhibition of wrestling . . ."

Flashes from here and there—*Mel Lord*, traveling widely through the wreckage that was Spain, finds it difficult getting clothes, getting mail through and finding time to answer our letters. *Bill Jessup's* engagement to *Aimee Meier* of Highland Park, N. J. is announced; *Ben Rohn's* to *Elizabeth Lerch* of Bath, Pa. Ben works for Mack Motor in Allentown.

Still mountains of news to report. Perhaps we'll have to issue supplementary newsletters to keep up with the news you are all making. Good luck.

CLASS OF 1939

*Henry T. Shick Heckman, Correspondent
392 Bell St., Chagrin Falls, Ohio*

ONE-YEAR REUNION, JUNE 7, S, S, 1940

Another month, another column. We'll be old before we realize it.

Word from alma mater is that our varsity teams have hit a new low. Navy halted the matmen's winning streak at sixteen games. Remember how, we spent the best years of our lives helping build that streak from the sidelines? To make matters worse, the team also lost to Cornell—first time in ten years.

QUERY—Then there was basketball. Bill Stavers writes that he saw the Lehigh-Swarthmore game which we lost. *Syl Bushey* and *Paul Strickler* were also there. Stavers, incidentally, is working at the Marcus Hook plant of the American Viscose Corp. Bill tells me that *Jim Patton* and *Al Raff* (both working for Socony-Vacuum in Paulsboro, N. J.) dropped in on him recently. During the course of reminiscing, the boys began to wonder as to the whereabouts of one *Al Snyder* so they queried me. (Does last month's column answer your questions?)

NOT THAT!—Speaking of *Jimmy Patton*, one of my girls Friday writes that *Chemist Patton* tore himself away from test tubes long enough to stand in the receiving line at a Moravian tea dance. Shaking hands is old stuff to *Jimmy*, but the nearest he ever came to tea while an undergraduate was at Maennerchor tea dances. How the business world does change people.

BABIES AND MARRIAGE—Another girl Friday reports having seen *Al* and *Doris Goepert* at the J. F. B. The Goeperts are sporting a brand new baby girl whom *Al* affectionately calls "slug." Father Goepert, rumor has it, is on *Beth*. *Steel's* payroll. Married life seems to keep him too busy even to send in the Alumni office's query post card.

While on the subject of marriage—a recent issue of the Moravian Belfry prints the following item:

"The engagement of *Joanne Jarvis* (ex-'40) has been announced to *Frank Jackson* of Chevy Chase, Maryland. The wedding will take place in April."

"*Jack*" could well be renamed "Speed," I introduced the couple only last May.

Also contemplating marital bonds are *Tom Bogert* (Marjorie Hornbeck) and *Joe Matthews* (Helen Engeman). *Tom* is a metallurgist for Crucible Steel at Harrison, N. J., while *Joe* is associated with the Hamilton Watch Co. at Lancaster, Pa. Best luck all.

A letter from *Len Haeseler* announces that he is well and hearty and is development engineer for RCA in Camden. During the week you can find *Len* at Camden, but come Friday night you'll have to look in Reading. The girl's name is *Jane*.

IT'S PARK AVE. NOW—*Milt Grannatt* is reported to be a student at the *Globe Indemnity Co.* in New York. A later tracer gives his winter address as 7 Park Ave., no less. No doubt he plans to spend his summers at *Lido* or the *Riviera*.

Houseparty is the nineteenth. We'll see you under the third table from the door.

MARRIAGES

CLASS OF 1926

Frank Kear to Mrs. Virginia Graham Leach on January 30.

CLASS OF 1931

A. A. Sanna to Miss Grace Haag on November 24, 1939, in Mishawaka, Ind.

CLASS OF 1934

Norman Alper to Miss Allyne Katzenstein on February 12 in Baltimore, Md.

W. S. Miller to Miss Katharine Wend on February 29.

CLASS OF 1935

William T. Harris to Miss Vincenzina S. DeBellis on January 18.

BIRTHS

CLASS OF 1928

To Mr. and Mrs. Benjamin Levitz, a son, Alvin Stephen, on February 4.

CLASS OF 1934

To Mr. and Mrs. S. Murray Rust, Jr., a son, S. Murray, III on October 31, 1939.

CLASS OF 1935

To Mr. and Mrs. L. P. Struble, Jr., a daughter, Margaret Anne on February 3.

CLASS OF 1936

To Mr. and Mrs. W. G. Bilger, a son, Walter, Jr., on January 14.

OBITUARIES

W. C. Brooke, '71

Word has been received in the Alumni Office of the death of Walter Cresson Brooke on January 3, 1932. No details are available.

R. B. Honeyman, '88

Robert Brown Honeyman, B. S., (in Mining and Metallurgy) died on February 23 at his home in Pasadena, Calif. He was 71 years old.

Born on June 6, 1868, he took up the study of law after his graduation from the University, and practiced his profession for many years in New York City.

He is survived by his widow, the former Emily Brodhead, and one daughter and one son, Robert Brodhead Honeyman, '20. A sister, Mrs. C. F. Zimmele, also survives him.

R. E. Kresge, '96

Robert Edwin Kresge, A. C., died on February 11 at the Butler County Memorial Hospital following a short illness.

Born in Bethlehem, he was chief chemist at the Bethlehem Steel Company for fifteen years and served in a similar capacity at the Butler plant of the American Rolling Mill company for twenty-eight years.

He was a member of the Odd Fellows and Knights of Pythias Lodges in Bethlehem and a charter member of Victory Lodge, F. and A. M. in Butler.

His widow, two daughters and two sons survive him.

S. J. Johnson, Jr., '98

Spencer Jackson Johnson, Jr., who according to the Alumni Office records was employed by the Mullen Acton Company in San Francisco, is reported deceased by the Post Office department. No details are available.

Clarence Barnard, '98

Clarence Barnard died on February 26 at the Fitzsimmons Army Hospital, in Denver, Colorado of pneumonia after an illness of a few days.

After leaving the University he continued his studies at Georgetown University, and received the degree of Bachelor of Laws from that institution in 1889.

During the World War he served overseas as a captain and at the time of his death was Major in the Ordnance Department. He belonged to the Psi Upsilon Fraternity.

His widow, a son and a daughter, two grandchildren and a brother, R. P. Barnard, '89, survive him.

N. C. Pamplin, '04

Nicholas Calvin Pamplin, Jr., died on February 19, 1940, and was buried in Norfolk, Va. No additional details are available.

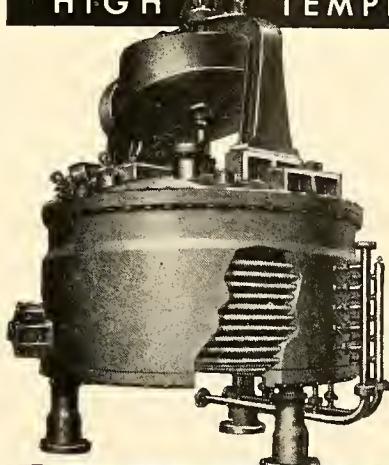
At the time of his death, Mr. Pamplin had been employed with the Midvale Steel Company, in Nicetown, Pa.

HIGH TEMPERATURE PROCESSING

THERMOCOIL

For chemical processes involving the application of heat from 300 deg. F. to 660 deg. F. in the batch, by means of steam or hot water at required pressures—Thermocoil apparatus is ideally adapted.

The unique patented construction of Thermocoil Vessels—a series of high pressure steel tube coils cast into and integral with the walls of the vessel—places Thermocoil Equipment far in advance of conventional jacketed equipment in flexibility of application and range of usefulness.



BETHLEHEM FOUNDRY & MACHINE CO., BETHLEHEM, PA.

Case History No. 29

Wherein We Cut the 7 Day Week by 4 Days

A manufacturer of Kitchen Cabinets used a certain brand of processed wall board for various parts of his cabinets.

Finishing this board involved considerable difficulty and the only method which seemed to assure satisfaction involved the use of five different materials and a finishing schedule of seven days.

This finishing delay threw production out of whack. . . made manufacturing less efficient. . . defeated attempts to lower costs.

The Jones-Dabney (Industrial Finishes) Division of Devoe & Raynolds Co. pondered this problem, spent several weeks experimenting with numerous products and methods.

And then the system that did the trick.

The J-D solution involved only two products and achieved a drying schedule that permits this manufacturer to ship his cabinets three days after the first coat is applied.

If you have Industrial Finishing or Plant Maintenance problems, write any of us:

G. L. Ball, Jr.	'30	C. M. Jackson	'33	W. C. Riedell	'37
H. P. Ball	'37	E. J. Klinger	'33	L. K. Scott	'29
S. W. Farrell	'33	J. S. Long	'13	A. R. Smith	'35
T. K. Garihan	'36	B. Rabin	'32	F. G. Smith	'39
S. R. Goodrich	'35	A. E. Rheineck	'31		

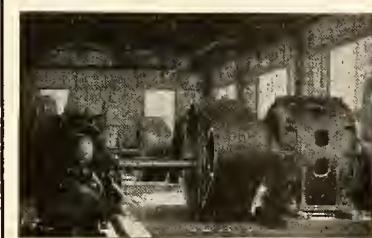
• • •

DEVOE & RAYNOLDS CO., INC.

1 West 47th Street

New York, N. Y.

T. B. WOOD'S SONS CO. Chambersburg, Pa.



V-Belt Drives . . . Flat Belt Drives
Flexible Couplings . . . Clutches
Pulleys . . . Rigid Couplings . . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99

W. C. Benedict, '06

Walter Carl Benedict, C. E., died suddenly at his home in Albany, N. Y., on December 2. Following his graduation from the University, he worked successively on the construction of the New York State Barge Canal, in engineering for the New York State Dredging Corporation, the Empire Engineering Company and later as president of the Twin City Construction Corporation which completed many contracts on railroad construction, grade crossing elimination, sewer and water lines, sewage disposal plants, state highway work, and municipal jobs. During the last eleven years he was in the service of the New York State Public Service Commission as principal grade separation engineer. In this position he conducted many hearings throughout the state in the campaign to eliminate dangerous crossings, and for the selection of the proper plan to accomplish each elimination.

He was a member of the Madison Avenue Presbyterian Church in Albany, and served as elder for many years.

While in college he served on the Brown and White Board, and was editor-in-chief in his senior year. He belonged to the Press Club, the Starvation Club, the Civil Engineering Society, and was a member of the Theta Xi Fraternity.

His widow, two sons and a daughter survive him.

Samuel May, '10

Samuel May, C. E., prominent contractor in Baltimore, died suddenly at his home on February 10, following a heart attack.

Following his graduation from Lehigh he spent two years in engineering and construction work for the Baltimore and Ohio Railroad, the New York, Connecticut and Hartford,

and the Montour Railroad Company.

The next five years he spent as an engineer and estimator for Whiting-Turner Construction Company in Baltimore, and later became engineer and superintendent for the D. C. McAleer Construction Company in Baltimore.

At the time of his death he was secretary and treasurer of Ehrhardt and May, Inc., contractors, in Baltimore.

Surviving him are a brother and a sister.

S. T. Mitman, '19

Samuel Thomas Mitman, M. E., died in Huntington, L. I., N. Y., on January 28. He was 45 years old. For the past 17 years he was a resident of Huntington and had been engaged almost entirely in construction work.

Born in Bethlehem, he attended Moravian Parochial School and Bethlehem Preparatory School before entering Lehigh. His college career was interrupted by the World War in which he saw service overseas. He enlisted as a private and was honorably discharged with the rank of first lieutenant in the Engineering Corps.

Following the war, he returned to Bethlehem and received his degree. He was a member of the Chi Psi fraternity and while in college was interested in lacrosse.

David Pisarev, '34

David Pisarev, B. S. in Ch. E., died at his home in Bethlehem on February 14 of a streptococci infection.

After receiving his bachelor's degree in 1934, he continued his studies as a graduate student for the United Fur Traders Company, and received his master's degree in chemical engineering in 1936.

His parents and one brother survive him.

PROFESSIONAL CARDS

State Mutual Life Assurance Company of Worcester, Mass.
Inc. 1844
Presented by
ARTHUR H. LOUX, '35
744 Broad Street
Newark, N. J. MARKET 3-2717

20 Branford Place Newark, N. J.
Mitchell 2-2776
GREEN & GREEN
Counsellors at Law
David Green, '22

Cleveland, Ohio Union Trust Bldg.
KWIS, HUDSON & KENT
PATENT LAWYERS
B. M. Kent, '04

PIERCE MANAGEMENT
Engineering Consultants and Mine Managers
Anthracite — COAL — Bituminous
A successful background in the practical
solution of difficult engineering and
management problems.
J. H. Pierce, '10
Scranton Electric Bldg., Scranton, Pa.

ROCKWELL & BARTHOLOW
PATENT LAWYERS
205 Church Street
Henry E. Rockwell, '06
New Haven, Conn.

CHARLES ENZIAN . . . 1901

Consulting Mining Engineer and Geologist
Miners National Bank Building
Wilkes-Barre, Pa. Hazleton, Pa.
Forty years corporation, state and federal
experience in Anthracite and Bituminous coal
fields of United States and Canada.
Development, Operation, Appraisal, Safety and
Mine Roof and Surface Support
Studies and Reports

ALEXANDER POTTER, '90

Consulting Engineer

Hydraulics, Sanitation, Concrete Structures

50 Church St., Telephone
New York City Cortlandt 7-3195 6-7

New York City 51 East 42nd St.

VISSCHER & BURLEY
Architects

J. L. Burley, '94

Rezin Davis Svend B. Sommer

Washington Loan & Trust Bldg., Washington, D.C., National 1100

BALDWIN & WIGHT
Attorneys

Patents, Trade-Marks, and Copyrights

DONALD M. WIGHT, '23

JOSIAH P. BALLINGER, '15

GENERAL INSURANCE

55 John St., New York City—BA 7-7400
60 Park Place, Newark, N. J.—MI 2-0700
678 Union Ave., Elizabeth, N.J.—EL 2-2046

Agent THE TRAVELERS INS. CO.
HARTFORD, CONN.

DIRECTORY OF**LEHIGH ALUMNI CLUBS**

Bethlehem, (Home Club) P. J. Ganey, '16, (P); L. J. Bray, '23, (S), 1747 W. Union Blvd.

Boston, D. H. Levan, '13, (P); Nelson Bond, '26, (S), 36 Bonad Rd. West Newton, Mass.

Central New York, Gordon Kent, '07, (S), The Kent Co., Rome, N. Y.

Central Penna., J. N. Hall, '30, (P); E. J. Garra, '25, (S), 160 Lucknow Rd., Harrisburg, Pa.

Central Jersey, J. H. Pennington, '97, (P); J. A. Bugbee, '24, (S), 8 Kensington Ave., Trenton, N. J.

Chicago, W. O. Gairns, '26, (P); E. K. Collison, '07, (S), George A. Fuller Co., 111 W. Washington St.

China, T. C. Yen, '01, (P); A. T. L. Yap, '19, (S), 16 Burkhill Rd., Shanghai, China.

Cincinnati, B. E. Keifer, '18, (P); W. S. Major, '24, (S), 1112 Chamber of Commerce Bldg.

Delaware, W. M. Metten, '25, (P); G. H. Cross, Jr., '30, (S), 2211 Boulevard, Wilmington, Del.

Detroit, C. G. Heilman, '10, (P); R. J. Purdy, '28, (S), S. S. Kresge Co., 2727 2nd Blvd.

Louisville, C. M. Jackson, '33, (P); Maxwell Glen, '24, (S), 1244 Cherokee Rd., Louisville, Ky.

Maryland, J. S. Bayless, '08, (P); J. E. Tyler, III, '34, (S), 732 Reservoir St., Baltimore, Md.

New York, G. R. Macdonald, '19, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna., J. H. Farrell, Jr., '27, (P); W. H. Lesser, '05, (S), Clarks Green, Lackawanna Co., Pa.

Northern New Jersey, R. L. Trainer, '26, (P); A. H. Loux, '35, (S), 917 Natl. Newark Bldg., 744 Broad St., Newark, N. J.

Northern Calif., R. H. Tucker, '79, (P); C. C. Kaesemeyer, '35, (S), 2547 Piedmont Ave., Berkeley, Calif.

Northern N. Y., R. W. Wieseman, '16, (P); Nelson Coxe, (S), 1002 Eastern Ave., Schenectady, N. Y.

Northern Ohio, A. H. Bates, '89, (P); F. F. Schuhle, '26, (S), 853 Selwyn Rd., Cleveland, Ohio.

Philadelphia, J. H. Opdycke, '23, (P); Moriz Bernstein, '96, (S), 2130 Estaugh St.

Pittsburgh, R. C. Good, (P); H. E. Lore, '35, (S), 311 Chestnut St., Sewickley, Pa.

South Jersey, E. A. Curtis, '25, (P); R. S. Young, II, '38, (S), 5609 Winchester Ave., Ventnor, N. J.

Southern Anthracite, H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England, C. H. Veeder, '86, (P); J. W. Thurston, '96, (S), 168 N. Quaker Lane, Hartford, Conn.

Southeast Penna., Harry Litke, '24, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

Southern Calif., W. M. Lalor, '04, (P); E. C. Hummel, '17, (S), 208 S. Orange Dr., Los Angeles, Calif.

Washington, D. C., T. V. Ganey, Jr., '23, (P); R. L. O'Brien, Jr., '33, (S), 1431 Manchester Lane.

Western New York, J. D. Davis, '22, (P); J. L. Walton, '37, (S), 577 W. Ferry St., Buffalo, N. Y.

York, Pa., B. T. Root, '06, (P); F. S. Eyster, '33, (S), 609 Country Club Rd.

Youngstown, O., A. P. Steckel, '99, (P); J. A. Waterman, '30, (S), P. O. Box 185 Poland, O.

From Terrapin to Tapioca

Lehigh and its men have long known the completeness of Hajoca Service and the outstanding quality of Hajoca Products.

When your gymnasium was contemplated and planned, Hajoca Shower Baths and other modern fixtures received first consideration as the equipment representative of the engineering standards advocated in your professional practice.

When your superb new dormitories began to take shape in architects' brains, your undergraduates' health, vigor, comfort, and well-being were fully entrusted to Hajoca Sanitary Plumbing and Heating

Systems. The care and foresight taken for the Health of Your Academic Community attest your confidence in quality merchandise.

When Lehigh executives in their positions of responsibility need materials for Mill, Mine or Plant, Hajoca Industrial Supplies are chosen.

Then, too, Lehigh graduates' wives choose Hajoca Fixtures for fine bathrooms, powder rooms and modern kitchens. So complete is Hajoca's Service to the University, its men and their homes. Hajoca will always be pleased to serve you and your plumbing and heating contractor.

HAJOCa CORPORATION

Manufacturers and Wholesalers

Plumbing, Heating, Steam and Roofing Materials
Mill, Mine and Industrial Supplies



1736 E. Fourth Street

Bethlehem, Pa.



HAJOCa



Steel

FOR EVERY PURPOSE